The 67th Annual Meeting of the International Society of Electrochemistry

Electrochemistry: from Sense to Sustainability
21-26 August, 2016
The Hague, The Netherlands

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International Society of Electrochemistry, chemin du Closelet 2, 1006 Lausanne, Switzerland

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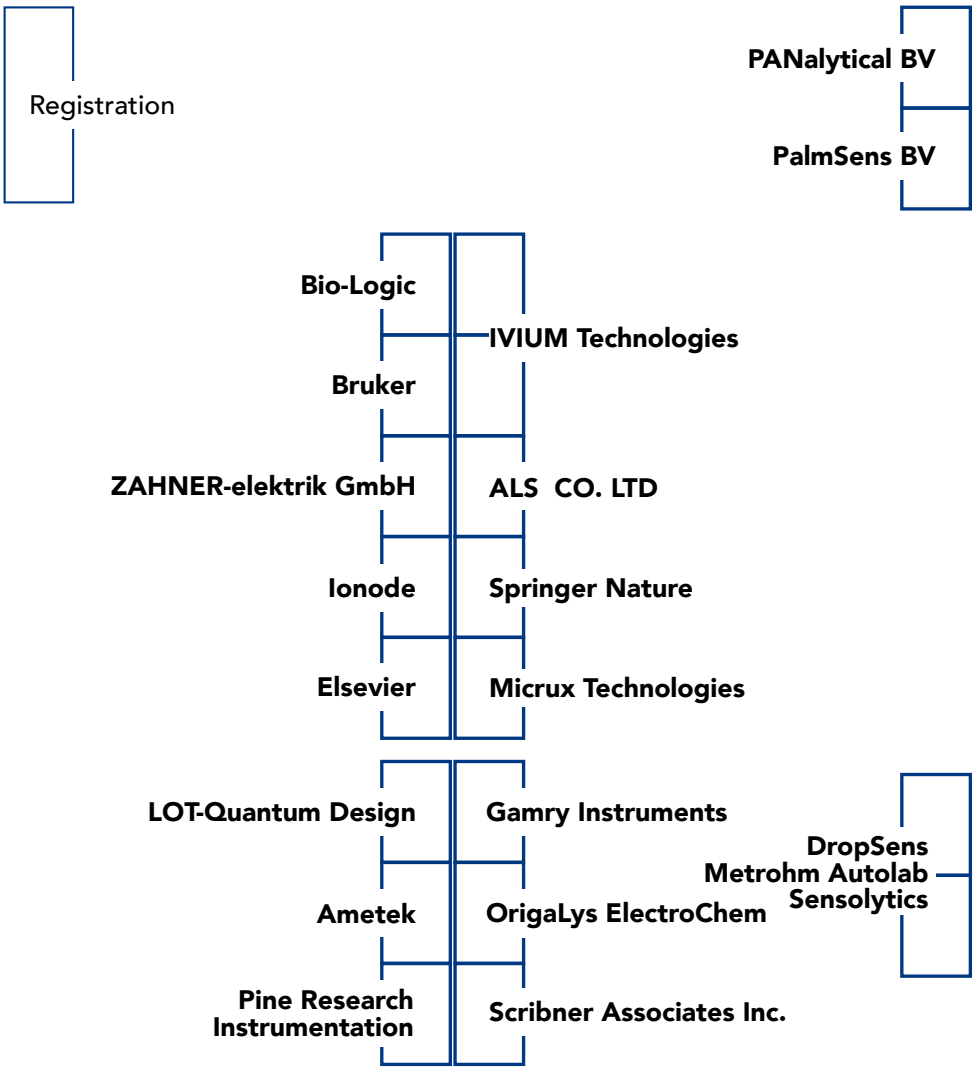
Exhibitor booths



Exhibition Hours

Monday:	09:30-20:00
Tuesday:	09:30-18:30
Wednesday:	09:30-12:00
Thursday:	09:30-18:30
Friday:	09:30-12:00

Exhibitors

Elsevier

Gamry Instruments

DropSens

IVIUM Technologies

ALS Co. Ltd

Metrohm Autolab

Pine Research Instrumentation

Bio-Logic

Springer Nature

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Electrochemical Energy Storage

Helmholtz-Institute Ulm

Welcome Address

On behalf of the Organizing Committee, the Executive Committee of ISE, and the symposium organizers, we warmly welcome you to the city of The Hague and look forward to your participation in the 67th Annual Meeting of the International Society of Electrochemistry from 21st to 26th of August, 2016.

After Amsterdam (1958), Eindhoven (1973) and Maastricht (1987), the 2016 ISE Annual Meeting is the fourth Annual Meeting to be held in The Netherlands. The Hague ("Den Haag" or "'s-Gravenhage" in Dutch) is the third largest city in The Netherlands and has been the seat of the government of the Dutch Republic, and later of the Kingdom of the Netherlands, since 1588. Also the Dutch royal family currently resides in The Hague. The Hague was home to the world's first peace conference in 1899 and has been an international city of peace and justice ever since. Today The Hague is a pleasant, green, and cosmopolitan city with an attractive historical city center, many parks, and the only Dutch city with a beach ("Scheveningen"). The Hague is home to many world-class museums, such the Mauritshuis (with famous paintings of Vermeer, Rembrandt, Rubens, and many other Dutch and Flemish masters), the Gemeentemuseum (with a unique collection of Mondriaan paintings), the Escher Museum, and the extraordinary Panorama Mesdag, a single painting museum with a panoramic view of Scheveningen in 1881 (Vincent Van Gogh said about the painting that "the only thing wrong about this painting is that there is nothing wrong about it").

The Hague and the surrounding region of Holland have strong scientific and intellectual traditions. The Hague was home to the physicists and mathematicians Christiaan and Constantijn Huygens (both buried in the Sint Jacob church in the city center), Baruch Spinoza, and René Descartes. Nearby Leiden University (15 km to the North-East) is the oldest university in The Netherlands with a growing university campus in The Hague. As far as the history of electrochemistry is concerned, water electrolysis was first performed in Holland (in Haarlem in 1789), and the dimensionally stable anode was invented in an old Dutch gin distillery in Schiedam (near Rotterdam).

We sincerely hope that you will enjoy the cultural, culinary, touristic and scientific highlights that The Hague, The Netherlands, and the 2016 ISE Annual Meeting have to offer. The scientific theme of this year's meeting "Electrochemistry: from Sense to Sustainability" underscores the breadth and importance of our field, and we believe that the scientific program, with five plenary lectures and twenty different symposia, offers you an exciting and timely panoramic view of the fundamental and applied opportunities and challenges of electrochemistry and electrochemical engineering. Most of all, we hope that the Annual Meeting in The Hague provides you with a pleasant setting to meet old and new friends and colleagues, to exchange scientific views and ideas, and to make new research plans.

Welkom in Den Haag!

Maarten Van Brussel and Marc Koper,
Co-chairs ISE Annual Meeting 2016

Organizing Committee

Christian Amatore, *France*
Maarten Biesheuvel, *the Netherlands*
Bernard Dam, *the Netherlands*
Justin Gooding, *Australia*
Annick Hubin, *Belgium*
Marc Koper, *the Netherlands (Co-Chair)*
Yunny Meas, *Mexico*
Peter Notten, *the Netherlands*
Mark E. Orazem, *USA*
Maarten Van Brussel, *the Netherlands (Co-Chair)*

Symposium Organizers

Symposium 1: New Horizons in Analytical Electrochemistry
Thomas Doneux (Coordinator), Université Libre de Bruxelles, Belgium
Annemie Adriaens, Universiteit Gent, Belgium
Priscilla Baker, University of Western Cape, South Africa
Fethi Bedioui, Chimie ParisTech, France

Symposium 2: Nanostructured Materials in Electroanalytical Chemistry
Daniel Mandler (Coordinator), Hebrew University of Jerusalem, Israel
Alison Downard, University of Canterbury, New Zealand
Stanley Lai, Twente University, the Netherlands
Liza Rassaei, Delft University of Technology, the Netherlands

Symposium 3: New Approaches for Interfacing Electrochemistry and Biological Systems
Elena Ferapontova (Coordinator), Aarhus University, Denmark
Renata Bilewicz, University of Warsaw, Poland
Karolien de Wael, University of Antwerp, Belgium
Serge Lemay, Twente University, the Netherlands
Fred Lisdat, Technical University of Wildau, Germany

Symposium 4: Electrochemical Approaches in Diseases and Human Health
Woonsup Shin (Coordinator), Sogang University, Korea
Fethi Bedioui, Chimie ParisTech, France
Marilia O. F. Goulart, Universidade Federal de Alagoas, Brazil
Susan M. Lunte, University of Kansas, USA
Lanqun Mao, Chinese Academy of Sciences, China

Symposium 5: Current Progress in Microbial Electrochemical Technologies
Xochitl Dominguez-Benetton (Coodinator), Flemish Inst Technological Research, Belgium
Bert Hamelers, Wetsus, the Netherlands
Korneel Rabaey, Universiteit Gent, Belgium
Uwe Schröder, TU Braunschweig, Germany

Symposium 6: Novel Materials and Devices for Energy Storage: Batteries for Tomorrow's World
Stefano Passerini (Coordinator), Helmholtz Institute Um/KIT, Germany
Erik Kelder, Delft University of Technology, the Netherlands
Robert Kostecki, Lawrence Berkeley National Lab, USA
Fokko Mulder, Delft University of Technology, the Netherlands
Peter Notten, Eindhoven University of Technology, the Netherlands
Marnix Wagemaker, Delft University of Technology, the Netherlands

Symposium 7: Novel Materials and Devices for Energy Conversion and Storage: Fuel Cells, Electrolysers, Regenerative Fuel Cells and Flow Batteries
Matthias Arenz (Coordinator), University of Copenhagen, Denmark
Andreas Friedrich, German Aerospace Center, Germany
Anne Hauch, Technical University of Denmark, Denmark
Robert Savinell, Case Western Reserve University, USA

Symposium 8: Novel Materials and Devices for Energy Storage: Capacitors
Elzbieta Frackowiak (Coordinator), Poznan University of Technology, Poland
Peter Coenen, VITO, Belgium
Wataru Sugimoto, Shinshu University, Japan

Symposium 9: Capacitive Electrodes for Environmental Technology
Maarten Biesheuvel (Coordinator), Wetsus and Wageningen University, the Netherlands
Chong Zheng Na, University of Notre Dame, USA
Matthew Suss, Technion Israel Institute of Technology, Israel
Linda Zou, University of South Australia, Australia

Symposium 10: Electroactive, Functionalized and Nanostructured Materials and Composites: Modern Trends in Synthesis and Applications
Magdalena Skompska (Coordinator), University of Warsaw, Poland
Marilia O.F. Goulart, Universidade Federal de Alagoas, Brazil
Arjan Hovestad, TNO, the Netherlands
Francesco Paolucci, Università di Bologna, Italy
Philippe Vereecken, IMEC, Belgium
Mikhail Vorotyntsev, M.V. Lomonosov Moscow State University, Russia

Symposium 11: Electrochemical Engineering for Improvement of Process Sustainability
Juan Peralta (Coordinator), Universidad de Guanajuato, Mexico
François Lapicque, Université de Lorraine, France
Guido Mul, Twente University, the Netherlands
Manuel Rodrigo, Universidad de Castilla-la-Mancha, Spain

Symposium 12: EC Power Sources: Principles of Materials, Design and Operation
Deborah Jones (Coordinator), Université de Montpellier, France
Peter Bouwman, HyET, the Netherlands
Eril Kjeang, Simon Fraser University, Canada
François Lapicque, Université de Lorraine, France

Symposium 13: Corrosion: The Electrochemistry of Corrosion and Approaches to Corrosion Protection
Mary P. Ryan (Coordinator), Imperial College London, UK
Nick Birbilis, Monash University, Australia
Shinji Fujimoto, Osaka University, Japan
Santiago Garcia, Delft University of Technology, the Netherlands
Wouter Hamer, Shell, the Netherlands
Herman Terryn, Vrije Universiteit Brussel, Belgium

Symposium 14: Combined Electro and Electrophoretic Deposition for Advanced Materials Synthesis
Aldo R. Boccaccini (Coordinator), University of Erlangen-Nuremberg, Germany
Begona Ferrari, CSIS Madrid, Spain
Arjan Mol, Delft University of Technology, the Netherlands
Marcel J. Rost, Leiden University, the Netherlands
Mary P. Ryan, Imperial College London, UK
Giovanni Zangari, University of Virginia, USA

Symposium 15: New Molecules - Synthesis, Fundamental Electron Transfer Properties and their Relationship with Molecular Action
Carlos Frontana (Coordinator), CIDETEQ, Mexico
Daniel Bélanger, University of Quebec, Canada
Dennis Hetterscheid, Leiden University, the Netherlands

Symposium 16: Physical and Interfacial Electrochemistry: Progress in Spectroscopy, Imaging and Theoretical Analysis
Gregory Jerkiewicz (Coordinator), Queen's University, Canada
Nuria Garcia-Araez, University of Southampton, UK
Annick Hubin, Vrije Universiteit Brussel, Belgium
Ryosuke Jinnouchi, Toyota R&D Labs, Japan
Masatoshi Osawa, Hokkaido University, Japan
Zhong-Qun Tian, Xiamen University, China

Symposium 17: "Attention: Theory Only"
Michael Eikerling (Coordinator), Simon Fraser University, Canada
Federico Calle-Vallejo, Leiden University, the Netherlands

Symposium 18: Electrochemistry, Photoelectrochemistry and Bioelectrochemistry of Artificial Photosynthesis: Recent Advances in CO_2 Conversion to Products
Deepak Pant (Coordinator), VITO, Belgium
Monica Baroso, Utrecht University, the Netherlands
Gabriele Centi, University of Messina, Italy
Brian Seger, DTU Lyngby, Denmark
Wilson Smith, Delft University, the Netherlands

Symposium 19: Electrochemistry in Action
Marc Koper (Coordinator), Leiden University, the Netherlands
Plamen Atanassov, University of New Mexico, USA
Maarten Van Brussel, Metrohm Autolab, the Netherlands

Symposium 20: General Session
Susana Cordoba de Torresi (Coordinator), University of Sao Paolo, Brazil
Claudine Buess-Herman, Université libre de Bruxelles, Belgium
Tom Breugelmans, University of Antwerp, Belgium
Yunny Meas, CIDETEQ, Mexico

Tutorial Lectures

Sunday, 21 August 2016

Location: World Forum Convention Center

Tutorial 1

Room : Yangtze 1

13:30 to 17:00

Nanoscale Electrochemical Imaging

Patrick Unwin, *Warwick University, UK*
Marcel Rost, *Leiden University, the Netherlands*

Tutorial 2

Room : Yangtze 2

13:30 to 17:00

Electrochemical Instrumentation

Tamas Pajkossy, *Hungarian Academy of Sciences, Hungary*
Soma Vesztergom, *Eötvös Lorand University, Hungary*

Tutorial 3

Room : Kilimanjaro

13:30 to 17:00

Water Desalination by Capacitive Deionization: Introduction & Basic Concepts

Maarten Biesheuvel, *Wetsus, the Netherlands*
Matthew Suss, *Technion Israel Institute of Technology, Israel*

15:30 to 15:45
Coffee break

Plenary Lectures

Location: King Willem Alexander

Monday, 22 August 2016

08:15 to 09:15
George Whitesides
(Harvard University, Cambridge, USA)
Paper, Electrochemistry, and Diagnostics for the Developing World

Tuesday, 23 August 2016

08:15 to 09:15
Linda Nazar
(University of Waterloo, Canada)
New Vistas in Electrochemical Energy Storage

Wednesday, 24 August 2016

08:15 to 09:15
Anders Nilsson
(University of Stockholm, Sweden)
Operando X-ray Studies of Electrocatalysis

Thursday, 25 August 2016

08:15 to 09:15
Serge Lemay
(Twente University, the Netherlands)
Electrochemical Nanofluidics: from Nanogaps to Nanocapacitors

Friday, 26 August 2016

08:15 to 09:15
Yuri Pleskov
(A.N. Frumkin Institute of Physical Chemistry and Electrochemistry, Russia)
Alexander Frumkin and the Electrochemistry of Diamond in My Life

ISE Prize Winners 2015

Frumkin Memorial Medal

Yuri Pleskov, *A.N. Frumkin Institute of Physical Chemistry and Electrochemistry, Russia*

08:15 to 09:15, Friday, 26 August 2016, Plenary Lecture, King Willem Alexander

Alexander Frumkin and the Electrochemistry of Diamond in My Life

The Frumkin Memorial Medal is awarded to Yuri Pleskov for sustained seminal contributions across physical electrochemistry, notably for his work on the electrochemistry of semi-conductors, on photoelectrochemistry, on electron emission into electrolytes, and on the electrochemistry of synthetic diamond.

Prix Jacques Tacussel

Dan Bizzotto, *University of British Columbia, Canada*

Monday 22 August 2016 - 09:30-10:10 Symposium 16, Room Kilimanjaro

Studying lipid and thiol monolayer modified electrode surfaces using in-situ fluorescence microscopy

The Prix Jacques Tacussel is awarded to Dan Bizzotto in recognition to his contribution to the development of *in situ* electrochemical fluorescence microscopy and its application to molecular and biomolecular adsorption.

Katsumi Niki Prize for Bioelectrochemistry

George S. Wilson, *University of Kansas, USA*

Wednesday 24 August 2016 - 09:30-09:50, Symposium 3, Room Yangtze 1

Bioelectrochemistry: The Nature of the Electrode-Biological Interface

The Katsumi Niki Prize for Bioelectrochemistry is awarded to George Wilson for his key role in understanding electron transfer processes of redox-active proteins on electrodes, protein immobilization on conducting surfaces and the effect of electrode surface on the protein structure and functions.

Tajima Prize

Yong-Sheng Hu, *Chinese Academy of Sciences, China*

Wednesday 24 August 2016 - 10:10-10:50, Symposium 6, Room Oceania

Prototype Na-Ion Batteries for Grid-Scale Energy Storage

The Tajima Prize is awarded to Yong-sheng Hu for his outstanding researches on rechargeable batteries, especially his recent pioneering studies on sodium-ion batteries.

Jaroslav Heyrovsky Prize for Molecular Electrochemistry

Daniel Little, *University of California, USA*

Monday 22 August 2016 - 09:30-10:10, Symposium 15, Room Everest

Recent Advances in Electroorganic Synthesis: Redox Mediators; Reusable Electrolytic Reaction Media; Redox Reactions Using a Simple Flow Apparatus

The Jaroslav Heyrovsky Prize for Molecular Electrochemistry is awarded to R. Daniel Little for his outstanding contributions in the field of organic electrosynthesis with the use of innovative electrocatalysts, the introduction of reusable electrolytes, which will facilitate up-scaling and flow-electrolysis and his mechanistic studies.

ISE Prize Winners 2015

Alexander Kuznetsov Prize for Theoretical Electrochemistry

Martin Z. Bazant, *Massachusetts Institute of Technology, USA*

Monday 22 August 2016 - 16:40-17:20, Symposium 17, Room Yangtze 2

Theory of Electrochemical Interfaces at High Voltage

The Aleksander Kuznetsov Prize for Theoretical Electrochemistry is awarded to Martin Bazant for his seminal studies at the forefront of the theory of electrokinetic phenomena in electrochemistry and electrochemical engineering.

Hans-Jürgen Engell Prize

Marcel Risch, *Massachusetts Institute of Technology, USA*

Thursday 25 August 2016 - 16:40-17:00, Symposium 7, King Willem Alexander

Electrocatalytic Redox Processes of Transition Metal Oxides in Aqueous Media probed by Operando X-Ray Absorption Spectroscopy

The Hans-Jürgen Engell Prize is awarded to Marcel Risch for his contributions in the development of earth-abundant catalyst materials for water oxidation and oxygen reduction.

ISE Prize for Applied Electrochemistry

Prabeer Barpanda, *Materials Research Center, Indian Institute of Science, Bangalore, India*

Wednesday 24 August 2016 - 09:50-10:10, Symposium 6, Room Oceania

Insights on New Phosphate Compounds for Na-ion Batteries

The ISE Prize for Applied Electrochemistry is awarded to Prabeer Barpanda in recognition of his contributions to the development of materials and their application in lithium-ion and sodium-ion batteries and super capacitors.

ISE Prize for Environmental Electrochemistry

Kangwoo Cho, *Korea Institute of Science and Technology, Korea*

Friday 26 August 2016 - 11:50-12:10, Symposium 20, Room Amazon

Wastewater Electrolysis Cell: Application of Environmental Electrochemistry for Water-Energy Nexus

The ISE Prize for Environmental Electrochemistry is awarded to Kangwoo Cho in recognition of his creative contributions to advances in the underlying technology of the electrochemical treatment of raw human wastewater.

Early Career Analytical Electrochemistry Prize of ISE Division 1

Bryan McCloskey, *University of California, USA*

Tuesday 23 August 2016 - 14:00-14:40, Symposium 1, Room Mississippi

Ion Solvation Effects in the Nonaqueous Li-O_2 Electrochemistry

The Early Career Analytical Electrochemistry Prize of ISE Division 1 is awarded to Bryan McCloskey in recognition of his contributions to understanding the fundamental chemistry of lithium-air batteries.

Electrochimica Acta Travel Awards for Young Electrochemists 2016

Maria Cuartero, Switzerland
Vlastimil Vyskocil, Czech Republic
Dejun Chen, USA

ISE Travel Awards for Young Electrochemists 2016

Lourdes Mónica Bravo Anaya, Mexico
Reza Younesi, Sweden
Ken Sakaushi, Japan
Meng Nan Chong, Malaysia
Jane Stockmann, France
Maria Escudero-Escribano, Denmark
Ulmas Zhumaev, Germany

Poster presentation session 1 - Monday

Symposia: s1, s2, 5, s6, s11

Poster set-up Monday: 08:30-10:30 *See poster locations map on page 215*

Poster Presentation: Monday, 22 August 2016: 11:00-12:30

(Lobby-Ground Floor)

Poster take-down Monday: 18:00-19:00

Poster presentation session 2 - Tuesday

Symposia: s3, s4, s7, s10

Poster set-up Tuesday: 08:30-10:30 *See poster locations map on page 216*

Poster Presentation: Tuesday, 23 August 2016: 11:00-12:30

(Lobby-Ground Floor)

Poster take-down Tuesday: 18:00-19:00

Poster presentation session 3 - Wednesday

Symposia: s8, s9, s12, s13, s14, s15, s16, s17, s18, s20

Poster set-up Wednesday: 08:30-10:30 *See poster locations map on page 217*

Poster Presentation: Wednesday, 24 August 2016: 11:00-12:30

(Lobby-Ground Floor)

Poster take-down Thursday: 14:00-16:00

ISE Society Meetings

Sunday, 21 August 2016

Opening Ceremony

17:20 to 19:00 › King Willem Alexander

Monday, 22 August 2016

Division Officers Luncheon Meeting

12:40 to 13:40 › Oceania

Regional Representatives Luncheon Meeting

12:40 to 13:40 › Oceania Foyer

Tuesday, 23 August 2016

Council Meeting

12:40 to 13:40 › Europe

Thursday, 25 August 2016

General Assembly

11:10 to 12:10 › King Willem Alexander

Division Meetings

12:40 to 13:40

Division 1 Analytical Electrochemistry › Yangtze 1
Division 2 Bioelectrochemistry › Yangtze 2
Division 3 Electrochemical Energy Conversion and Storage › Amazon
Division 4 Electrochemical Materials Science › Mississippi
Division 5 Electrochemical Process Engineering and Technology › Europe
Division 6 Molecular Electrochemistry › Oceania
Division 7 Physical Electrochemistry › Oceania Foyer

Friday, 26 August 2016

Closing Ceremony

12:15 to 12:30 › King Willem Alexander

See room locations on back cover

General Information

Publications

A special issue of the Society's journal, Electrochimica Acta, is planned based on selected original contributions made at the conference. Selection will be made by an international editorial Committee comprising the following Editors* and Guest Editors, one for each of the Symposia in which the meeting is articulated:
Symposium 1 Thomas Doneux, Symposium 2 Daniel Mandler, Symposium 3 Elena Ferapontova*, Symposium 4 Marilia O.F. Goulart, Symposium 5 Uwe Schroeder, Symposium 6 Stefano Passerini, Symposium 7 Matthias Arenz, Symposium 8 Wataru Sugimoto, Symposium 9 Matthew Suss, Symposium 10 Magdalena Skompska, Symposium 11 Francois Lapicque, Symposium 12 Deborah Jones, Symposium 13 Nick Birbilis*, Symposium 14 Giovanni Zangari, Symposium 15 Daniel Bélanger, Symposium 16 Zhong-Qun Tian, Symposium 17 Michael Eikerling, Symposium 18 Deepak Pant

The Special Issues Editor, Sergio Trasatti, will co-ordinate the action of the editorial Committee and will be directly responsible for the review procedure. The Special Issue is planned to accommodate up to 180 papers.

Submission only on invitation of one of the Guest Editors

Submission time span: 27 August 2016 - 18 December 2016

Social Program

RECEPTIONS

Welcome Reception

Sunday, 21 August 2016, 19:00-20:00

After the Opening Ceremony on ground floor of World Forum Convention Center

Monday Reception

Monday, 22 August 2016, 18:40-20:00 on ground floor of World Forum Convention Center

Thursday Banquet

Thursday, 25 August 2016, 19:00
At the GRAND HOTEL AMRATH KURHAUS THE HAGUE
Gevers Deynootplein 30
2586 CK DEN HAAG SCHEVENINGEN
Price per person: EURO 115.-, Places are limited. All tickets for the banquet must be pre-booked and are non-refundable.
Transportation: via Tram 1 or Bus 21

EXCURSIONS

Wednesday, 24 August

Excursions (pre-, post- as well as Wednesday afternoon 24 August 2016 will be organized by Dutch Matters.
Please contact them directly http://ise.dutch-matters.com

Please note all excursions are based on a minimum number of 20 participants. All excursions will start and end at the World Forum The Hague.

HALF A DAY EXCURSION ROTTERDAM
Price : EURO 62,50 per person
Including coach and English speaking guide & specialized Architect guides during the excursion, and entrance of Kinderdijk.

HALF A DAY EXCURSION DELFT
Price : EURO 53,50 per person
Including coach and English speaking guide during the excursion, and entrance of the Porcelyne Fles and the Nieuwe Kerk.

HALF A DAY EXCURSION AMSTERDAM
Price : EURO 95,00 per person
Including coach and English speaking guide during the excursion and 1 hour boat trip and entrance of the Grachtenhuis.

HALF A DAY EXCURSION ZEELAND - NEELTJE JANS
Price : EURO 120,00 per person
Including coach and English speaking guide during the excursion, and entrance of the Neeltje Jans and a speech of a specialized architect.

Oral presentation program

Monday, 22 August 2016

ROOMS:	Mississippi	Yangtze 1	Oceania	King Willem Alexander	Oceania Foyer	Europe	Amazon	Everest	Kilimanjaro	Yangtze 2
SYMPOSIUM	**Symposium 1**	**Symposium 3**	**Symposium 6**	**Symposium 7**	**Symposium 8**	**Symposium 11**	**Symposium 13**	**Symposium 15**	**Symposium 16**	**Symposium 17**
08:15 - 09:15	**Plenary Lecture**: George Whitesides (**King Willem Alexander**)									
09:30 - 09:50	Conor Hogan	Jens Ulstrup	Martin Wilkening	Fabio Dionigi	Katsuhiko Naoi	Ann Cornell	E. Ramírez-Álvarez	R. Daniel Little	Dan Bizzotto	A.A. Kornyshev
09:50 - 10:10	E. Witkowska Nery		Rosa Robert	Ioannis Spanos		P. Gran. Mendoza	Polina Volovitch			
10:10 - 10:30	Annick Hubin	Christophe Léger	Yue Ma	Arno Bergmann	François Béguin	Jacques Wijenberg	Xiaolong Zhang	T. Jane Stockmann	Zhong-Qun Tian	Michael Urbakh
10:30 - 10:50		Marcos Pita	Michal Struzik	Ifan Stephens	Jan Ronsmans	Adriano Gomes	Xia Zhao	Dominique Lorcy	J. Rodriguez Lopez	Priyamvada Goyal
10:50 - 11:10	Coffee Break &									
11:10 - 11:30	POSTERS SESSION 1 (s1, s2, 5, s6, s11)									
11:30 - 11:50										
11:50 - 12:10										
12:10 - 12:30										
12:40 - 13:40	Lunch		Division Officers Meeting		Regional Repres. Meeting	Lunch				
14:00 - 14:20	Liza Rassaei	Michael Hill	Brett Lucht	Marion Chandesris	G. Zheng Chen	Martin Paidar	H. Kazimierczak	Patrick Unwin	J. M. Feliu Martinez	Jan Rossmeisl
14:20 - 14:40	Jin Cui			Magali Cochet	Masashi Ishikawa		V. Shkirskiy		Daniel Hanß	Minoru Otani
14:40 - 15:00	Kosuke Ino	Juan M. Artes	Fabian Jeschull	Renate Hiesgen	Andrea Balducci	Martin Prokop	Rolandas Verbickas	Alvaro Colina	Ludwig Kibler	Jean.-S. Filhol
15:00 - 15:20	Huijie Zhang	David Waldeck	Y. Emre Durmus	Viktor Hacker	Nicolas Jäckel	Antoine Allanore	Jaideep Kulkarni	Martina Cizkova	M. Escu.-Escribano	Ryosuke Jinnouchi
15:20 - 15:40	Alexander Kuhn	L. M. Bravo Anaya	Daniel Buchholz	Simon Thiele	Roberto M. Torresi	Vincent Feynerol	H. O. Curkovic	Biprajit Sarkar	Dejun Chen	Eckhard Spohr
15:40 - 16:00	Serena Arnaboldi	R. Miranda-Castro	Christoph Bondue	Jaeyoung Lee	Gaëtan Buvat	Miguel Sandoval	Qinghong Fang	Xiaowei Li	A. Cristina Garcia	Heine Hansen
16:00 - 16:20	Vera Eßmann	Olga Swiech	Gleb Yushin		Mara Serrapede	Theo Tzedakis		Alan Liska	Thomas Doneux	Fritz Scholz
16:20 - 16:40	Coffee Break									
16:40 - 17:00	I-Ming Hsing	Mathieu Etienne	Emanuel Peled	Luis Castanheira	Vitor L. Martins	Thomas Turek	S. Virtanen	Andrew Doherty	Andrew Gewirth	Martin Z. Bazant
17:00 - 17:20		Wlodzimierz Kutner	Robert Dominko	A. Zeradjanin	Francesca Soavi	Onofrio Scialdone				
17:20 - 17:40	Benoît Piro	Vlastimil Vyskocil	Gints Kucinskis	Veronica Celorrio	Guangyue Liao	Elisa Sechi	Mario Aparicio	Mauricio Isaacs	Guy Denuault	Andrei Kulikovsky
17:40 - 18:00	Gilbert Nöll	Yinglin Zhou	Dominic Bresser	Oscar Diaz-Morales	Edurne Redondo	Ioanna Kalaitzidou	Werner Strunz	Abdirisak A. Isse	Yan-Xia Chen	Hartmut Löwen
18:00 - 18:20	Hjalmar Permentier	I. Alvarez-Martos	Nobuko Yoshimoto	Mario Bärtsch	Hai Yen Tran	Paul Kenis	Yan Chen	Haidong Li	Enrique Herrero	D. Jan Bonthuis
18:20 - 18:40	Hong-Yuan Chen	Stanislav Trashin	Moustafa Sanad	Li Wang	P. Babuchowska	Tsuyoshi Hoshino	Enrico Marsili	Ismael Diez-Perez	Kohei Uosaki	J. M. Garcia Lastra
18:40 - 20:00	Reception									

Monday, 22 August 2016, Morning

Plenary Lecture

Room : King Willem Alexander

Chaired by: J. Justin Gooding

08:15 to 09:15

George Whitesides (Harvard University, Cambridge, USA)

Paper, Electrochemistry, and Diagnostics for the Developing World

01 New Horizons in Analytical Electrochemistry

Room : Mississippi

Chaired by: Alexander Kuhn

09:30 to 09:50 INVITED

Conor Hogan (Dept. of Chemistry & Physics, La Trobe University, Melbourne, Australia), Kiran Bano, Seng Loke, Darrell Elton

Android Voltammetry: Use of a mobile device as an instrument for voltammetric analysis

09:50 to 10:10

Emilia Witkowska Nery (Department of Electrode Processes, Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw, Poland), Lauro Kubota

Paper-based electronic tongue systems and biosensors

10:10 to 10:50 KEYNOTE

Annick Hubin (Electrochemical and Surface Engineering, Vrije Universiteit Brussel, Brussel, Belgium), Lucia Fernandez Macia, Rik Pintelon

New Approaches for Reliable Parameter Estimation for Electrochemical Systems

10:50 to 11:10

Coffee Break

s03 New Approaches for Interfacing Electrochemistry and Biological Systems

Room : Yangtze 1

Chaired by: Isabel Alvarez-Martos and Christophe Léger

09:30 to 10:10 KEYNOTE

Jens Ulstrup (Department of Chemistry, Technical University of Denmark, Kgs. Lyngby, Denmark), Qijin Chi, Michael J. Ford, Arnab Halder, Noel S. Hush, Jeffrey R. Reimers, Jingdong Zhang

The Au-S bond and SAM-protein contact in long-range electron transfer of pure and biomimetic metalloproteins *via* functionalized alkanethiol linkers

10:10 to 10:30

Christophe Léger (Bioénergétique et Ingénierie des Protéines, CNRS/AMU, Marseille, France), Adam Kubas, Christophe Orain, David de Sancho, Laure Saujet, Matteo Sensi, Charles Gauquelin, Isabelle Meynial-Salles, Philippe Soucaille, Hervé Bottin, Carole Baffert, Vincent Fourmond, Robert Best, Jochen Blumberger,

Studying the Reaction of FeFe Hydrogenases with O_2 using Direct Electrochemistry, Molecular Dynamics, DFT and Site-Directed Mutagenesis

10:30 to 10:50

Marcos Pita (Biocatalysis, Instituto de Catálisis - CSIC, Madrid, Spain), Oscar Gutierrez-Sanz, Paolo Natale, Ileana Marquez, Marta C. Marques, Sonia Zacarias, Ines A.C. Pereira, Ivan Lopez-Montero, Antonio L. De Lacey, Marisela Velez

H_2-fueled ATP Synthesis on an Electrode: Mimicking Cellular Respiration

10:50 to 11:10

Coffee Break

s06 Novel Materials and Devices for Energy Storage: Batteries for Tomorrow's World

Room : Oceania

Chaired by: Stefano Passerini and Martin Wilkening

09:30 to 09:50 INVITED

Martin Wilkening (Institute for Chemistry and Technology of Materials, Graz University of Technology, Graz, Austria)

Li Ion Dynamics in Solids as Seen by Time-Domain NMR

09:50 to 10:10

Rosa Robert (Electrochemistry Laboratory, Paul Scherrer Institut, Villigen PSI, Switzerland), Petr Novák

Li-ion (de-)insertion mechanism of a $LiNi_{0.8}Co_{0.15}Al_{0.05}O_2$ electrode: insights into the first charge activation mechanism and its impact on the irreversible charge "loss"

10:10 to 10:30

Yue Ma (Structural Chemistry, Uppsala University, Uppsala, Sweden), Kristina Edström

Surface Modification Strategies of High Capacity Anodes towards Exceptional Robust Cycling

10:30 to 10:50 INVITED

Michal Struzik (Electrochemical Materials, Department of Materials, ETH Zurich, Zurich, Switzerland), Iñigo Garbayo, Reto Pfenninger, Semih Afyon, Michael Rawlence, Jennifer L. M. Rupp

All Solid State Li-Garnet-Based Battery Materials and Devices

10:50 to 11:10

Coffee Break

s07 Novel Materials and Devices for Energy Conversion and Storage: Fuel Cells, Electrolysers, Regenerative Fuel Cells and Flow Batteries

Room : King Willem Alexander

Chaired by: Piotr Zelenay

09:30 to 09:50

Fabio Dionigi (Department of Chemical Engineering, Technische Universität Berlin, Berlin, Germany), Thomas Merzdorf, Hannes Sarodnik, Arno Bergmann, Jakub Drnec, Peter Strasser

In Operando X-ray Based Structural Investigation of NiFe Layered Double Hydroxide during the Oxygen Evolution Reaction

09:50 to 10:10

Ioannis Spanos (Heterogeneous Reactions, Max Planck Institute for Chemical Energy Conversion, Muelheim an der Ruhr, Germany), Alexander Auer, Chinmoy Ranjan, Robert Schloegl

Electrochemical flow cell for the assessment of OER catalyst stability and activity

10:10 to 10:30

Arno Bergmann (Department of Chemistry, Technische Universität Berlin, Berlin, Germany), Elias Martinez-Moreno, Detre Teschner, Petko Chernev, Manuel Gliech, Jorge Ferreira de Araujo, Tobias Reier, Holger Dau, Peter Strasser

On the Catalytically Active State of Co oxide Electrocatalysts for Oxygen Evolution Reaction in Neutral Electrolyte and Their Structure-Activity Correlations

10:30 to 10:50 INVITED

Ifan Stephens (Physics, Technical University of Denmark, Kongens Lyngby, Denmark)

Oxygen evolution in acid media on model catalysts based on precious and non-precious metal oxides

10:50 to 11:10

Coffee Break

s08 Novel Materials and Devices for Energy Storage: Capacitors

Room : Oceania Foyer

Chaired by: Elzbieta Frackowiak and John R. Miller

09:30 to 10:10 KEYNOTE

Katsuhiko Naoi (Advanced Capacitor Research Center, Tokyo University of Agriculture & Technology, Koganei, Japan), Wako Naoi

Hybrid Supercapacitors:Their Evolution to Second and Third Generations

10:10 to 10:30 INVITED

François Béguin (Institute of Chemistry and Technical Electrochemistry, Poznan University of Technology, Poznan, Poland), Pawel Jezowski, Elise Deunf, Olivier Crosnier, Philippe Poizot, Thierry Brousse

Simplified lithium-ion capacitor with porous carbon and sacrificial lithiated material in the positive electrode

10:30 to 10:50 INVITED

Jan Ronsmans (Emerging Technologies, JSR Micro, Leuven, Belgium)

Advances in Lithium Ion Capacitors

10:50 to 11:10

Coffee Break

s11 Electrochemical Engineering for Improvement of Process Sustainability

Room : Europe

Chaired by: Henry Bergmann

09:30 to 09:50 INVITED

Ann Cornell (Applied Electrochemistry, KTH Royal Institute of Technology, Stockholm, Sweden), Nina Simic

The Role of Chromate in Chlorate Electrolysis

09:50 to 10:10

P. Granados Mendoza (Chemical Engineering and Chemistry, Technische Universiteit Eindhoven, Eindhoven, Netherlands), S. Moshtarikhah, Thijs de Groot, J.T.F. Keurentjes, J.C. Schouten, J. van der Schaaf

Process intensification of the chlor-alkali electrolysis by using a rotor-stator spinning disc membrane electrolyzer

10:10 to 10:30

Jacques Wijenberg (Research & Development, IJmuiden Technology Centre, Tata Steel, IJmuiden, Netherlands), Arnoud de Vooys, Marc Koper

Oxidation Reactions in Trivalent Chromium Electrolytes at a Catalytic Mixed Metal Oxide or Platinum Coating

10:30 to 10:50

Adriano Gomes (Department of Chemistry and Molecular Biology, University of Gothenburg, Gothenburg, Sweden), Annicka Sellin, Nina Simic, Mats Wildlock, Elisabet Ahlberg

Electrochemical Studies of Deposited Cr (III) Oxide Specie: Water Reduction Selectivity and Kinetics

10:50 to 11:10

Coffee Break

s13 Corrosion: The Electrochemistry of Corrosion and Approaches to Corrosion Protection

Room : Amazon

Chaired by: Santiago Garcia

09:30 to 09:50

Elizeth Ramírez-Álvarez (Physics, Technical University of Munich, Munich, Germany), Konrad Schönleber, Katharina Krischer

New insights into the mechanism of the stationary and oscillatory electrocorrosion of Si

09:50 to 10:10

Polina Volovitch (Institut de Recherche de Chimie Paris, Chimie ParisTech, Paris, France), Alina Maltseva, Caroline de Faria Barros, Viacheslav Shkirskiy, Grégory Lefèvre

Effect of pH on growth and barrier properties of brucite film on Mg

10:10 to 10:30

Xiaolong Zhang (Corrosion, Endures BV, Den Helder, Netherlands), Nanni Noel, Gabriele Ferrari, Martijn Hoogeland

Effect of Inclusions on Localized Corrosion of Chain Steel in Seawater

10:30 to 10:50

Xia Zhao (Key Laboratory of Marine Environmental Corrosion and Bio-fou, Institute of Oceanology, Chinese Academy of Science, Qingdao, China), Baorong Hou

MoS_2 /Epoxy composite coating and its anticorrosion performance on carbon steel

10:50 to 11:10

Coffee Break

s15 New Molecules - Synthesis, Fundamental Electron Transfer Properties and their Relationship with Molecular Action

Room : Everest

Chaired by: Patrick Unwin

09:30 to 10:10 KEYNOTE

JAROSLAV HEYROVSKY PRIZE FOR MOLECULAR ELECTROCHEMISTRY

R. Daniel Little (Chemistry and Biochemistry, University of California Santa Barbara, Santa Barbara, USA)

Recent Advances in Electroorganic Synthesis: Redox Mediators; Reusable Electrolytic Reaction Media; Redox Reactions Using a Simple Flow Apparatus

10:10 to 10:30

T. Jane Stockmann (ITODYS, Université Paris Diderot, Paris, France), Jean-Marc Noël, Ali Abou-Hassan, Catherine Combellas, Frederic Kanoufi

Facilitated Lewis acid transfer by phospholipids at a water|$CHCl_3$ interface towards biomimetic and energy applications

10:30 to 10:50 INVITED

Dominique Lorcy (Institut de Sciences Chimiques de Rennes, University of Rennes 1, Rennes, France)

Sulfur Rich π-Electron Acceptors: Design and Electronic Properties

10:50 to 11:10

Coffee Break

s16 Physical and Interfacial Electrochemistry: Progress in Spectroscopy, Imaging and Theoretical Analysis

Room : Kilimanjaro

Chaired by: Philip Bartlett

09:30 to 10:10 KEYNOTE - **PRIX JACQUES TACUSSEL**

Dan Bizzotto (Chemistry, The University of British Columbia, Vancouver, Canada), Zhinan Landis Yu, Jannu Casanova-Moreno, Amanda Musgrove

Studying lipid and thiol monolayer modified electrode surfaces using in-situ fluorescence microscopy

10:10 to 10:30

Zhong-Qun Tian (State Key Laboratory of Physical Chemistry of Solid Surfaces, Xiamen University, Xiamen, China), Yu Wang, Xiao-Bing Ding, Xiao-Yu Cao

A Physicochemical Approach to Fabricate 2D/1D Molecule Assemblies Assisted by Combined Photo- and Electro-Chemical Methods

10:30 to 10:50

Joaquin Rodriguez Lopez (Department of Chemistry, University of Illinois at Urbana-Champaign, Urbana, USA), Zachary Barton, Mark Burgess, Jingshu Hui, Jiaurui Zhang, Kenneth Hernandez-Burgos

In Situ Mapping of Ionic Reactivity in Metal, Graphene and Polymeric Battery Electrodes Using Versatile Electrochemical Probes

10:50 to 11:10

Coffee Break

s17 Attention: Theory Only

Room : Yangtze 2

Chaired by: Michael Eikerling

09:30 to 10:10 KEYNOTE

Alexei A. Kornyshev (Chemistry, Imperial College London, London, United Kingdom)

Electrochemically Tuned Metamaterials: New Scenarios Navigated by Theory

10:10 to 10:30

Michael Urbakh (School of Chemistry, Tel Aviv University, Tel Aviv, Israel), Oscar Fajardo, Fernando Bresme, Alexei A. Kornyshev

Electrotunable Friction with Ionic Liquid Nanoscale Films

10:30 to 10:50

Priyamvada Goyal (Department of Engineering Science, University of Oxford, Oxford, United Kingdom), Charles Monroe

Coupling of Material, Charge, and Momentum Transport in Liquid and Solid Electrolytes

10:50 to 11:10

Coffee Break

Monday, 22 August 2016, Afternoon

s01 New Horizons in Analytical Electrochemistry

Room : Mississippi

Chaired by: Conor Hogan and Liza Rassaei

14:00 to 14:20 INVITED
Liza Rassaei (Chemical Engineering, TUDelft, Delft, Netherlands), Klaus Mathwig
Controlling Selectivity in an Electrochemical Nanofluidic Device

14:20 to 14:40
Jin Cui (MESA+ Institute for Nanotechnology, University of Twente, Enschede, Netherlands)
Potential-controlled Adsorption and Separation of Redox Species in Electrochemical Nanofluidic Devices

14:40 to 15:00
Kosuke Ino (Graduate School of Environmental Studies, Tohoku University, Sendai, Japan), Yusuke Kanno, Kumi Inoue, Atsushi Suda, Ryota Kunikata, Masahki Matsudaira, Hitoshi Shiku, Tomokazu Matsue
Colorization of electrochemical imaging for cell analysis using a large-scale integration (LSI) device

15:00 to 15:20
Huijie Zhang (Center for Electrochemical Sciences - CES, Ruhr University Bochum, Bochum, Germany), En Ning Saw, T. Abdulazim, P. Fortgang, T. Oellers, F. Feng, Alfred Ludwig, P. Levkin, Nicolas Plumeré
Microarray of Electrochemical Droplet Cells

15:20 to 15:40 INVITED
Alexander Kuhn (ENSCBP, University Bordeaux, Pessac, France), Thittaya Yutthalekha, Chularat Wattanakit, Veronique Lapeyre, Somkiat Nokbin, Chompunuch Warakulwit, Jumras Limtrakul
Chiral Recognition at Nanostructured Metal Surfaces

15:40 to 16:00
Serena Arnaboldi (Chemistry, Università degli Studi di Milano, Milan, Italy), Patrizia Mussini, Tiziana Benincori, Andrea Penoni, Francesco Sannicolò
Highly Enantioselective “Inherently Chiral” Film Electrodes at Work

16:00 to 16:20
Vera Eßmann (Analytical Chemistry, Center for Electrochemical Sciences, Ruhr-Universität Bochum, Bochum, Germany), Stefan Barwe, Justus Masa, Wolfgang Schuhmann
Simultaneous yet independent stability assessment at individual poles of a bifunctional catalyst with bipolar electrochemistry

16:20 to 16:40
Coffee Break

16:40 to 17:20 KEYNOTE
I-Ming Hsing (Division of Biomedical Engineering, Hong Kong University of Science and Technology, Hong Kong, China)
Enzyme-Free Sensing of Nucleic Acid Analytes and Extracellular Monitoring of Cellular Ions by Organic Electrochemical Transistor

17:20 to 17:40
Benoît Piro (Laboratory ITODYS, University Paris Diderot, Paris, France), Denjun Wang, Dihia Benaoudia, Vincent Noël, Guillaume Anquetin, Steeve Reisberg
Bisphenol a Sensor with Low Voltage Electrolyte-Gated Organic Transistor

17:40 to 18:00
Gilbert Nöll (Chemistry-Biology, University of Siegen, Siegen, Germany), Qiang Su
New Strategies for the Label-Free Optical Detection of Oliginucleotides or Antibodies with Surface Plasmon Fluorescence Spectroscopy

18:00 to 18:20

Hjalmar Permentier (Analytical Biochemistry, University of Groningen, Groningen, Netherlands), Floris van den Brink, Tao Zhang, Liwei Ma, Johan Bomer, Mathieu Odijk, Wouter Olthuis, Rainer Bischoff, Albert van den Berg

Electrochemical Protein Cleavage in a Microfluidic Cell with Integrated Boron Doped Diamond Electrode

18:20 to 18:40

Hong-Yuan Chen (Chemistry, Nanjing University, Nanjing, China)

DNA Labeling Generates a Unique Amplification Probe for Sensitive Photoelectrochemical Immunoassay of HIV-1 p24 Antigen

s03 New Approaches for Interfacing Electrochemistry and Biological Systems

Room : Yangtze 1

Chaired by: Elena E. Ferapontova and Rebeca Miranda-Castro

14:00 to 14:40 KEYNOTE

Michael Hill (Chemistry, Occidental College, Los Angeles, USA)

A Collector-Generator Assay for Protein Activity based on Electrochemistry at DNA-Modified Surfaces: Detection of Transcription Factors and Human Methyltransferase in Tumors

14:40 to 15:00

Juan Manuel Artes Vivancos (Biophysics, Photosynthesis & Energy, Faculty of Sciences, Vrije Universiteit Amsterdam, Amsterdam, Netherlands), Yuanhui Li, Jianqing Qi, M.P. Anantram, Zimple Matharu, Erkin Seker, Joshua Hihath

Conformational Gating of the Electrical Properties of Oligonucleotides

15:00 to 15:20 INVITED

David Waldeck (Chemistry, University of Pittsburgh, Pittsburgh, USA), Edward Beall, Emil Wierzbinski

Charge Transport and Molecular Conductance of Nucleic Acids and Proteins on Electrodes

15:20 to 15:40

Lourdes Mónica Bravo Anaya (Ingeniería Química, Universidad de Guadalajara, Guadalajara, Mexico), J.F. Armando Soltero, Erika Roxana Larios Durán

DNA molecules adsorption onto metal surfaces through a novel technique: Modulation of the Interfacial Capacitance (MIC)

15:40 to 16:00

Rebeca Miranda-Castro (Departamento de Química Física y Analítica, Oviedo, Spain), Noemí de-los-Santos-Álvarez, Arturo J. Miranda-Ordieres, María Jesús Lobo-Castañón

Tuning the packing density of DNA on gold surfaces to retain biological functionality

16:00 to 16:20

Olga Swiech (Faculty of Chemistry, University of Warsaw, Warsaw, Poland), Agata Krzak, Grzegorz Wojciuk, Tomasz Stepkowski, Marcin Kruszewski, Renata Bilewicz

The Influence of Modified Cyclodextrins on the Anthracycline - DNA Interactions

16:20 to 16:40

Coffee Break

16:40 to 17:00 INVITED

Mathieu Etienne (CNRS, LCPME, Nancy, France)

Immobilization of redox proteins and bacteria in sol-gel materials by electrochemistry and for electrochemistry

17:00 to 17:20
Wlodzimierz Kutner (Department of Physical Chemistry of Supramolecular Complexes, Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw, Poland), Maciej Cieplak, Katarzyna Szwabinska, Marta Sosnowska, Chandra B. KC, Pawel Borowicz, Krzysztof Noworyta, Francis D'Souza

Conducting molecularly imprinted polymers for determination of selected small proteins

17:20 to 17:40
Vlastimil Vyskocil (Department of Analytical Chemistry, Charles University in Prague, Faculty of Science, Prague, Czech Republic), Tomas Navratil, Miroslav Fojta

Artificial Cell – An Integrated In Vitro Model Based on Specific Electrochemical Biosensing Systems

17:40 to 18:00
Yinglin Zhou (College of Chemistry and Molecular Engineering, Peking University, Beijing, China), Dewen Zhang, Ji Nie, Fangting Zhang, Xinxiang Zhang

The application of G-quadruplex in label-free homogeneous electrochemical biosensors

18:00 to 18:20
Isabel Alvarez-Martos (Interdisciplinary Nanoscience Center (iNANO), Aarhus University, Aarhus, Denmark), Elena E. Ferapontova

Wiring of Biomolecules by Methylene Blue-Modified Third Generation Poly(amidoamine) Dendrimers

18:20 to 18:40
Stanislav Trashin (Chemistry, University of Antwerp, Antwerp, Belgium), Mats de Jong, Silvia Dewilde, Karolien De Wael

Electrochemical Study of Two Hexa-coordinate Globins (Human Neuroglobin and GLB-12 from C. Elegans) Towards Molecular Mechanisms, Biological Roles, and Biosensing Application

s06 Novel Materials and Devices for Energy Storage: Batteries for Tomorrow's World

Room : Oceania

Chaired by: Robert Kostecki and Brett Lucht

14:00 to 14:40 KEYNOTE
Brett Lucht (Chemistry, University of Rhode Island, Kingston, USA)

Development of novel electrolyte additives for designed surface modification

14:40 to 15:00
Fabian Jeschull (Structural Chemistry, Uppsala University, Uppsala, Sweden), Fredrik Lindgren, Matthew J. Lacey, Fredrik Björefors, Kristina Edström, Daniel Brandell

Influence of Inactive Electrode Components on Degradation Phenomena in Nano-Si Electrodes for Li-ion Batteries

15:00 to 15:20
Yasin Emre Durmus (Fundamental Electrochemistry (IEK-9), Forschungszentrum Jülich GmbH, Jülich, Germany), Steffen Alexander Kayser, Ozgur Aslanbas, Hermann Tempel, L.G.J. de Haart, Josef Granwehr, Hans Kungl, Ruediger-A. Eichel

Investigating Discharge Performance of Si-air Batteries with Alkaline Electrolyte

15:20 to 15:40
Daniel Buchholz (Karlsruhe Institute of Technology, Helmholtz Institute Ulm, Ulm, Germany), Marlou Keller, Christoph Vaalma, Xinwei Dou, Stefano Passerini

Advances in Na-ion Battery Materials

15:40 to 16:00
Christoph Bondue (Institute of Physical and Theoretical Chemistry, University of Bonn, Bonn, Germany), Philip Reinsberg, Helmut Baltruschat

The Effect of Additives as a Probe for the Effect of Solvent Properties on the Oxygen Reduction Reaction in Organic Solvents

16:00 to 16:20 INVITED
Gleb Yushin (Materials Science and Engineering, Atlanta, USA), Feixiang Wu, Wentian Gu, Jung-Tae Lee, Naoki Nitta, Hyea Kim, Huan-Ting Lin, Jiaxin Huang, Alexandre Magasinski

Nanocomposite Cathodes for Lithium-Sulfur and Lithium-Metal Fluoride Chemistries

16:20 to 16:40
Coffee Break

16:40 to 17:00 INVITED
Emanuel Peled (School of Chemistry, Tel-Aviv University, Tel-Aviv, Israel), Fernando Patolsky, Diana Golodnitsky, Guy Davidi, Dan Schneier, Meital Goor, Kathrin Freedman, Keren Goldshtein

The Effects of Primary and Secondary SEI Growth on the Performance-Fading of Silicon Anode

17:00 to 17:20 INVITED
Robert Dominko (Laboratory for Materials Chemistry, National Institute of Chemistry, Ljubljana, Slovenia), Alen Vizintin, Manu U.M. Patel, Iztok Arcon, Lorenzo Stievano, Giuliana Aquilanti

The mechanism of polysulfide formation in Li-S batteries

17:20 to 17:40
Gints Kucinskis (Department of Physical Chemistry of Solids, Max Planck Institute for Solid State Research, Stuttgart, Germany), Nils Ohmer, Bernhard Fenk, Joachim Maier

Lithiation Dynamics in $LiFePO_4$ on a Single- and Multi-Particle Level

17:40 to 18:00
Dominic Bresser (INAC/SPrAM/PCI, CEA, Grenoble, France), Mélody Leclere, Laurent Bernard, Patrice Rannou, Hakima Mendil-Jakani, Sandrine Lyonnard, Lionel Picard

Ionic Liquid-Crystalline Single-Ion Conductors – Realizing Arrhenius-like $Li^{\pm}$ Transport in Organic Electrolytes

18:00 to 18:20
Nobuko Yoshimoto (Graduate School of Science and Engineering for Innovation, Yamaguchi University, Ube, Japan), Taisuke Hazama, Kenta Fujii, Yanko Todorov, Masahiro Aoki, Hideyuki Mimura, Masayuki Morita

Nonflammable Gel Electrolyte with Tetra-armed Polymer Network for Li-ion Batteries

18:20 to 18:40
Moustafa Sanad (Minerals Processing Technology, Central Metallurgical R & D Institute, Tebbin, Egypt), Doha Harbouai, Cecile Rossignol, Philippe Dumaz, El-Kebir Hlil, Noureddine Amdouni, Said Obbade

New Investigation of Positive Electrode Materials for Next Generation of Sodium Ion Batteries

s07 Novel Materials and Devices for Energy Conversion and Storage: Fuel Cells, Electrolysers, Regenerative Fuel Cells and Flow Batteries

Room : King Willem Alexander

Chaired by: K. Andreas Friedrich

14:00 to 14:20
Marion Chandesris (LITEN, CEA, Grenoble, France), Laure Guétaz, Pascal Schott, Jean-Philippe Poirot-Crouvezier, Sylvie Escribano

Investigation of degradation heterogeneities in PEMFC stacks combining local in-situ measurements, post-mortem analysis and multiphysic simulations

14:20 to 14:40
Magali Cochet (ENE, Paul Scherrer Institute, Villigen, Switzerland), Patricia Groeninger, Antoni Forner-Cuenca, Dirk Scheuble, Pierre Boillat

Neutron Imaging Characterization for Optimization of an Evaporation Cooled Polymer Electrolyte Fuel Cell (PEFC)

14:40 to 15:00

Renate Hiesgen (Faculty of Basic Science, University of Applied Sciences, Esslingen, Germany), Tobias Morawietz, Michael Handl, K. Andreas Friedrich

Structure and Degradation of Fuel Cell Electrodes investigated at High Humidity by Atomic Force Microscopy

15:00 to 15:20

Viktor Hacker (Institute of Chemical Engineering & Environmental Technology, Graz University of Technology, Graz, Austria), Stephan Weinberger, Stephan Trattner

Dynamic Large Signal Equivalent Circuits for Analysis of Fuel Cell Stack Monitoring Techniques

15:20 to 15:40 INVITED

Simon Thiele (IMTEK Department of Microsystems Engineering, University of Freiburg, Freiburg, Germany)

From microstructure analysis to novel manufacturing approaches – What questions to answer to achieve the perfect PEFC structure

15:40 to 16:20 KEYNOTE

Jaeyoung Lee (Ertl Center for Electrochemistry and Catalysis, SESE, CHESS, GIST, Gwangju, Korea), Joey D. Ocon, Beomgyun Jeong

Electrode Architecture in Chemical Energy Conversion and Storage Cells

16:20 to 16:40

Coffee Break

16:40 to 17:00

Luis Castanheira (Electrochemistry, National Physical Laboratory, London, United Kingdom), Ishanka Dedigama, Dan Brett, Nick Van Dijk, Gareth Hinds

In situ accelerated stress tests for PEM water electrolyser catalysts

17:00 to 17:20 INVITED

Aleksandar Zeradjanin (Helmholtz-Institute Erlangen-Nuremberg for Renewable Energy, Forschungszentrum Jülich, Erlangen-Nuremberg, Germany), Karl J.J. Mayrhofer

Importance of Advanced Diagnostics in Designing of Active and Stable Oxygen Evolution Electrocatalysts

17:20 to 17:40

Veronica Celorrio (School of Chemistry, University of Bristol, Bristol, United Kingdom), Ellie Dann, Laura Calvillo, Gaetano Granozzi, Ainara Aguadero, Denis Kramer, Andrea Russell, David J. Fermin

Oxygen Reduction Reaction at $La_xCa_{(1-x)}MnO_3$ Nanostructures: Interplay between A-site Segregation and B-site Valence

17:40 to 18:00

Oscar Diaz-Morales (Catalysis and Surface Chemistry, Leiden University, Leiden, Netherlands), Stefan Raaijman, Ruud Kortlever, Patricia J. Kooyman, Tim Wezendonk, Jorge Gascon, W.T. Fu, Marc Koper

Iridium-based Double Perovskites for Efficient Water Oxidation in Acid Media

18:00 to 18:20

Mario Bärtsch (Department of Materials, ETH Zurich, Zürich, Switzerland), Renata Solarska, Marta Sarnowska, Olga Krysiak, Jan Augustyński, Markus Niederberger

Sol-Gel Processed Multicomposite Nanostructured Hematite-Titania Photoanode with Improved Oxygen Evolution: The Role of the Oxygen Evolution Catalyst

18:20 to 18:40

Li Wang (Institute of Engineering Thermodynamics, German Aerospace Center (DLR), Stuttgart, Germany), Viktoriia Saveleva, Spyridon Zafeiratos, Elena Savinova, Philipp Lettenmeier, Pawel Gazdzicki, Aldo S. Gago, K. Andreas Friedrich

Activity and Degradation Mechanism of Electrochemically Oxidized $Ir_xRu_{1-x}O_y$ Anodes of Proton Exchange Membrane (PEM) Electrolyzers

MONDAY PM

s08 Novel Materials and Devices for Energy Storage: Capacitors

Room : Oceania Foyer

Chaired by: François Béguin and Francesca Soavi

14:00 to 14:20 INVITED
George Zheng Chen (Department of Chemical and Environmental Engineering, University of Nottingham, Nottingham, United Kingdom)
Asymmetrical Electrochemical Capacitors

14:20 to 14:40 INVITED
Masashi Ishikawa (Department of Chemistry and Materials Engineering, Kansai University, Suita, Japan), Kazunari Soeda, Satoshi Uchida
Novel Electrochemical Capacitors based on Tailoring Materials to Enhance Power and Energy

14:40 to 15:00 INVITED
Andrea Balducci (Helmholtz Institute Ulm, Karlsruhe Institute of Technology, Ulm, Germany), Christoph Schütter, Jakob Krummacher, Martin Korth
Nitriles and cyano esters as solvents for high voltage electrochemical double layer capacitors

15:00 to 15:20
Nicolas Jäckel (Energy Materials, INM- Leibniz Institute for New Materials, Saarbrücken, Germany), Marius Rodner, Anna Schreiber, Marco Zeiger, Mesut Aslan, Daniel Weingarth, Volker Presser
Anomalous or regular capacitance? The influence of pore size dispersity on double-layer formation

15:20 to 15:40
Roberto M. Torresi (Instituto de Química, Universidade de São Paulo, Sao Paulo, Brazil), Jadielson L. Antonio, Susana Cordoba de Torresi
Three-dimensional conducting polymers films for electrochemical pseudo-capacitors with high-performance energy storage

15:40 to 16:00
Gaëtan Buvat (Institut des Matériaux Jean Rouxel, University of Nantes, Nantes, France), Olivier Crosnier, Nicolas Goubard-Bretesché, Thierry Le Mercier, Thierry Brousse
Oxygen non-stoichiometric oxides, an approach to design new high volumetric capacitance electrodes for aqueous supercapacitors

16:00 to 16:20
Mara Serrapede (Dipartimento Scienza Applicata e Tecnologia (DISAT), Politecnico di Torino, Torino, Italy), Paola Rivolo, Arnaud Gigot, Marco Fontana, Candido F. Pirri, Elena Tresso
Graphene-Based Aerogels for Green Supercapacitors

16:20 to 16:40
Coffee Break

16:40 to 17:00
Vitor L. Martins (Chemical and Biological Engineering, University of Sheffield, Sheffield, United Kingdom), Anthony Rennie, Judith Lesowiec, Roberto M. Torresi, Peter Hall
Increasing EDLC Energy Density Using Polymeric Ionic Liquids as Active Electrode Binders

17:00 to 17:20 INVITED
Francesca Soavi (Department of Chemistry Giacomo Ciamician, Alma Mater Studiorum, University of Bologna, Bologna, Italy)
Novel Sustainable Materials, Processes and Configurations of Microsupercapacitors

17:20 to 17:40
Guangyue Liao (Institute of Composite Structures and Adaptive Systems, German Aerospace Center (DLR e.V.), Braunschweig, Germany), Qianwen Zou, Sebastian Geier, Thorsten Mahrholz, Peter Wierach, Martin Wiedemann
Nanostructured all-solid-state supercapacitor based on $Li_{1.4}Al_{0.4}Ti_{1.6}(PO_4)_3$ ceramic electrolyte

17:40 to 18:00
Edurne Redondo (Supercapacitors, CIC Energigune, Miñao, Spain), Eider Goikolea, Roman Mysyk
Effect of ion-accessible porosity on the capacitance of activated carbon from olive pit waste

18:00 to 18:20
Hai Yen Tran (Accumulators Materials Research, Zentrum für Sonnenenergie- und Wasserstoff-Forschung (ZSW), Ulm, Germany), Margret Wohlfahrt-Mehrens, Sonia Dsoke
Binder effect on the long term cycling stability of activated carbon based supercapacitors in Li-salt containing electrolytes

18:20 to 18:40
Paulina Babuchowska (Chemical Technology, Poznan University of Technology, Poznan, Poland), François Béguin
Hybrid Capacitors with Quinone Grafted Carbon Electrodes in Salt Aqueous Electrolytes

s11 Electrochemical Engineering for Improvement of Process Sustainability

Room : Europe

Chaired by: Romeu C. Rocha-Filho

14:00 to 14:40 KEYNOTE
Martin Paidar (Department of Inorganic Technology, University of Chemistry and Technology Prague, Prague, Czech Republic), Jaromir Hnat, Karel Bouzek
Alkaline water electrolysis with ion selective membrane

14:40 to 15:00
Martin Prokop (Department of Inorganic Technology, UCT Prague, Prague, Czech Republic), Tomas Bystron, Martin Paidar, Karel Bouzek, Hector Zamora, Justo Lobato
Oxygen Reduction Reaction Activity of Pt-based Catalysts for High Temperature PEM Fuel Cell Application

15:00 to 15:20
Antoine Allanore (Materials Science and Engineering, Massachusetts Institute of Technology, Cambridge, USA)
Progress on Molten Sulfides Electrolysis: from Electrolyte Design to Electrochemical Engineering

15:20 to 15:40
Vincent Feynerol (Global R&D, ArcelorMittal, Maizières-lès-Metz, France), Hervé Lavelaine, Pascal Marlier, Marie-Noëlle Pons, François Lapicque
Reactivity of Iron Oxides in Low Temperature Alkaline Electrolysis

15:40 to 16:00
Miguel Sandoval (Department of Chemical Engineering, University of Guanajuato, Guanajuato, Mexico), José L. Nava, Rosalba Fuentes
Computational Fluid Dynamic Simulations of Hydrodynamics in a Pre-Pilot Multi-Stack Filter Press Flow Cell

16:00 to 16:20 INVITED
Theo Tzedakis (Chemistry, Chemical Engineering, Univ. Paul Sabatier, Univ. Toulouse, Toulouse, France)
Multiscale electrochemical engineering devoted to valuable products electro synthesis or conversion

16:20 to 16:40
Coffee Break

16:40 to 17:00 INVITED
Thomas Turek (Chemical and Electrochemical Process Engineering, Clausthal University of Technology, Clausthal-Zellerfeld, Germany)
Development of Large-Scale All-Vanadium Redox-Flow Batteries

17:00 to 17:20
Onofrio Scialdone (Dipartimento di Ingegneria Chimica, Gestionale, Informatica, Università di Palermo, Palermo, Italy), Simona Sabatino, Adriana D'Angelo, Fabrizio Vicari, Alessandro Galia, Federica Proietto, Benedetto Schiavo

Reduction of carbon dioxide to formic acid in various kinds of electrochemical devices

17:20 to 17:40
Elisa Sechi (Ingegneria Meccanica, Chimica e dei Materiali, Università degli Studi di Cagliari, Cagliari, Italy), Michele Mascia

Preparation of nanotubular Ni through electro deposition of Ni/Cu composites and anodic eatching

17:40 to 18:00
Ioanna Kalaitzidou (Chemical Engineering, University of Patras, Patras, Greece), Marialena Makri, Dimitrios Theleritis, Alexandros Katsaounis, Constantinos Vayenas

Electrochemical promotion of CO_2 hydrogenationon Ru catalysts deposited on $Na^{\pm}$, $K^{\pm}$, $H^{\pm}$ and $O2^{-}$ conductingsolid electrolytes

18:00 to 18:20 INVITED
Paul Kenis (Chemical and Biomolecular Engineering, University of Illinois at Urbana-Champaign, Urbana, USA)

Electrochemical Reduction of Carbon Dioxide into Value-Added Chemicals

18:20 to 18:40
Tsuyoshi Hoshino (Sector of Fusion Research and Development, Quantum and Radiological Science and Technology (QST), Aomori, Japan)

Lithium Recovery using Innovative Electrodialysis Method with Lithium Ionic Superconductor for Recycling of Used Li-ion Batteries

s13 Corrosion: The Electrochemistry of Corrosion and Approaches to Corrosion Protection

Room : Amazon

Chaired by: Mary Ryan

14:00 to 14:20
Honorata Kazimierczak (Institute of Metallurgy and Materials Science, Polish Academy of Sciences, Krakow, Poland), Agnieszka Hara, Agnieszka Bigos, Piotr Ozga

Corrosion resistance of Zn-Mn-Mo coatings electrodeposited on steel

14:20 to 14:40
Viacheslav Shkirskiy (Chimie ParisTech, Institut de Recherche de Chimie Paris, Paris, France), Polina Volovitch, Vincent Vivier

Delamination mechanisms on Zn in Cl^{-}, NH_4^{+} and HCO_3^{-} medias studied by local electrochemical impedance spectroscopy

14:40 to 15:00
Rolandas Verbickas (The European Technical Centre (UK), Daido Metal Co., LTD, Ilminster, United Kingdom), Ignacio Tudela, Mayank Anand, Yi Zhang

Electrochemical corrosion of metals in lubricant oil

15:00 to 15:20
Jaideep Kulkarni (Research and Development, Shree Rasayani, Nashik, India), Ashish Kulkarni, Donna Arnold

Structural and Electrochemical Characterisation of Trivalent Chromium-based Conversion Coatings on Electrodeposited Zinc Surfaces

15:20 to 15:40
Helena Otmacic Curkovic (Faculty of Chemical Engineering and Technology, University of Zagreb, Zagreb, Croatia), Ekatarina Kristan Mioc, Zana Hajdari, Marko Plazanic, Predrag Prodanovic

Corrosion Protection of Cupronickel Alloy by Fatty Acid Film Formed by Various Methods

15:40 to 16:00
Qinghong Fang (School of Materials Science and Engineering, Shenyang University of Chemical Technology, Shenyang, China)

Inhibiting Mechanism of Phosphate and Ferrate in an Epoxy Coating

16:20 to 16:40
Coffee Break

16:40 to 17:20 KEYNOTE
Sannakaisa Virtanen (Materials Science, Surface Science and Corrosion, WW-4, LKO, University of Erlangen-Nürnberg, Erlangen, Germany)

Biodegradable Magnesium: Progress in Understanding and Controlling the Corrosion Behaviour in Biological Environments

17:20 to 17:40
Mario Aparicio (Institute of Ceramic and Glass, CSIC, Madrid, Spain), A. Jitianu, G. Rodriguez, A. Degnah, K. Al-Marzoki, Jadra Mosa, L.C. Klein

Corrosion protection of Magnesium Alloy AZ31B with melting gels coatings: Influence of coating processing and thickness

17:40 to 18:00
Werner Strunz (Research & Development, Zahner elektrik GmbH&Co.KG, Kronach, Germany), Carl-Albrecht Schiller, Jörg Vogelsang, Hartmut Ochs

Determination of the Critical-Pigment-Volume Concentrationin the Time Domain using Relaxation Voltammetry

18:00 to 18:20
Yan Chen (Laboratory for Corrosion and Protection, Institute of Metal Research, Chinese Academy of Sciences, Shenyang, China), Tao Zhang, Fuhui Wang, Carsten Blawert, Mikhail L. Zheludkevich

Influence of Second Phase on Corrosion Performance and Formation Mechanism of Anodized Coating on AZ91 Mg Alloy

18:20 to 18:40
Enrico Marsili (Singapore Centre for Environmental Life Sciences Engineering, Nanyang Technological University, Singapore, Singapore), Prasanna Jogdeo, Martin Saballus, Rosalie Chai Mei Yi, Christin Koch, Diane McDougald, Scott A. Rice

Microbial Influenced Corrosion in Mixed microbial Consortia from Equatorial Environments

s15 New Molecules - Synthesis, Fundamental Electron Transfer Properties and their Relationship with Molecular Action

Room : Everest

Chaired by: Abdelaziz Houmam and R. Daniel Little

14:00 to 14:40 KEYNOTE
Patrick Unwin (Department of Chemistry, University of Warwick, Coventry, United Kingdom)

Local to Global: New Perspectives on Molecular Electrochemistry at Carbon Electrodes

14:40 to 15:00
Alvaro Colina (Chemistry, Universidad de Burgos, Burgos, Spain), David Ibañez, Jesús Garoz-Ruiz, Aranzazu Heras

Development of a New Device for Simultaneous UV-Vis Absorption and Raman Spectroelectrochemistry

15:00 to 15:20
Martina Cížková (Département de Chimie, Ecole Normale Supérieure, Paris, France), Laurent Cattiaux, Jean-Maurice Mallet, Christian Amatore, Eric Labbé, Olivier Buriez

Electrochemical Switching of Fluorescence in Rhodamine Derivatives

15:20 to 15:40
Biprajit Sarkar (Biology, Chemistry and Pharmacy, Free University Berlin, Berlin, Germany), Margarethe van der Meer, David Schweinfurth, Uta Frank

Effect of the Bridge Symmetry on Electrochemical and Electronic Couplings in Quinonoid Bridged Fe(II) and Co(II) Complexes

15:40 to 16:00
Xiaowei Li (Department of Chemistry, Hokkaido University, Sapporo, Japan), Takahiro Toda, Hiro Minamimoto, Kei Murakoshi

Enhanced Photo-Electrochemical Response of Size-Dependent PbS Quantum Dots Excited by Localized Surface Plasmon Resonance

16:00 to 16:20
Alan Liska (Department of Inorganic Chemistry, Charles University in Prague, Faculty of Science, Prague, Czech Republic), Jirí Ludvík, Pavel Vojtisek

Calix[4]arene tetraradical tetraanion – an electrochemically generated ligand

16:20 to 16:40
Coffee Break

16:40 to 17:20 KEYNOTE
Andrew Doherty (Chemistry and Chemical Engineering, The Queen's University of Belfast, Belfast, United Kingdom), Louise Graham

Redox-active Ionic Liquids. Synthesis, Electrochemistry, and Applications in Sensing, Energy Harvesting and Energy Storage

17:20 to 17:40
Mauricio Isaacs (Departamento de Química Inorgánica, Pontificia Universidad Católica de Chile, Santiago, Chile)

Task Specific Ferrocenyl-Ionic Liquids in Carbon Paste Microelectrodes for Dopamine Electro-Analysis

17:40 to 18:00
Abdirisak A. Isse (Department of Chemical Sciences, University of Padova, Padova, Italy), Francesca Lorandi, Marco Fantin, Armando Gennaro

Electrochemical Characterization of Catalysts and Initiators for ATRP in [BMIm][OTf]

18:00 to 18:20
Haidong Li (Institute of Molecular Science, University of Bordeaux, Bordeaux, France)

Efficient Electrochemiluminescence from Cationic Helicene Dyes: Switch from Organic Solvent to Bright Aqueous Systems

18:20 to 18:40
Ismael Díez-Pérez (Physical Chemistry, University of Barcelona, Barcelona, Spain)

Studying Chemical Reactions at the Nanoscale

s16 Physical and Interfacial Electrochemistry: Progress in Spectroscopy, Imaging and Theoretical Analysis

Room : Kilimanjaro

Chaired by: Elisabet Ahlberg and Kei Murakoshi

14:00 to 14:20

Juan Miguel Feliu Martinez (Institute of Electrochemistry, University of Alicante, Alicante, Spain), Paula Sebastian Pascual, Ricardo Martinez Hincapie, Victor Climent Paya, Antonio Berna Galiano, Antonio Rodes Garcia

Charge dependence of interfacial acid-base properties at Pt(111)/non-adsorbing supporting electrolytes

14:20 to 14:40

Daniel Hanß (Institute of Energy and Climate Research, Forschungszentrum Juelich GmbH, Juelich, Germany), Izaak C. Vinke, L.G.J. de Haart, Ruediger-A. Eichel

Application of an alternative Impedance Model for $LiNi_{0.5}Mn_{1.5}O_4$ in Lithium Ion Batteries

14:40 to 15:00

Ludwig Kibler (Institut für Elektrochemie, Universität Ulm, Ulm, Germany), Johannes Hermann, Timo Jacob

Studies of dynamic surface processes on electrode surfaces by measuring electrocatalytic activities

15:00 to 15:20

Maria Escudero-Escribano (Department of Physics, Technical University of Denmark, Kongens Lyngby, Denmark), Paolo Malacrida, Martin H. Hansen, Ulrik Grønbjerg, Amado Velazquez-Palenzuela, Vladimir Tripkovic, Jakob Schiøtz, Jan Rossmeisl, Ifan Stephens, Ib Chorkendorff

Tuning the Electrocatalytic Activity, Stability and Reactivity of Pt Alloys by Means of the Lanthanide Contraction

15:20 to 15:40

Dejun Chen (Department of Chemistry, Georgetown University, Washington, USA), YuYe Tong

New Mechanistic Insights on Methanol and Formic Acid Electro-oxidation as Investigated by In-situ Surface Enhanced Infrared Adsorption Spectroscopy

15:40 to 16:00

Amanda Cristina Garcia (Chemistry Department, São Carlos Chemistry Institute, São Carlos, Brazil), Manuel Kolb, Chris Nierop y Sancheza, Jan Vos, Yuvraj Y. Birdja, Youngkook Kwon, Germano Tremiliosi-Filho, Marc Koper

Strong impact of platinum surface structure on the selectivity of glycerol electro-oxidation

16:00 to 16:20

Thomas Doneux (Chimie Analytique et Chimie des Interfaces, Universite Libre de Bruxelles, Bruxelles, Belgium), Laurent Bouffier, Bertrand Goudeau, Stephane Arbault

Electrochemically Coupled Fluorescence Microscopy for the Study of Interfacial Reactivity Processes

16:20 to 16:40

Coffee Break

16:40 to 17:20 KEYNOTE

Andrew Gewirth (Chemistry, University of Illinois, Urbana, USA), Christopher Barile, Edmund Tse, Thao Hoang, Jason Varnell

Controlling the OER and ORR with Proton Kinetics

17:20 to 17:40

Guy Denuault (Chemistry, University of Southampton, Southampton, United Kingdom), Oliver Rodriguez-Martinez, Samuel C. Perry

The Oxygen Reduction Reaction on Reduced Metals: Evidence for a Unique Relationship Between the Coverage of Adsorbed Oxygen Species and their Adsorption Energy

17:40 to 18:00

Yan-Xia Chen (Department of Chemical Physics, University of Science and Technology of China, Hefei, China), Yong-Li Zheng, Jie Wei

Activity versus Stability, Oxygen Reduction at Pt[n(111)x111] and Ir[n(111)x111] Electrodes in Acidic Media

18:00 to 18:20
Enrique Herrero (Instituto de Electroquímica, Universidad de Alicante, Alicante, Spain), Valentín Briega-Martos, Juan Miguel Feliu Martinez

Effect of the Interfacial Properties on the Oxygen Reduction Reaction on Platinum Electrodes

18:20 to 18:40
Kohei Uosaki (Global Research Center for Environment and Energy based on Nanomaterials Science, National Institute for Materials Science, Tsukuba, Japan), Ganesan Elumalai, Hung Cuong Dinh, Hidenori Noguchi, Andrey Lyalin, Tetsuya Taketsugu

Theoretical and Experimental Investigations on the Effect of Gold Nanoparticle Decoration of BN Nanosheet on Gold for Highly Efficient Electrocatalyst for Oxygen Reduction Reaction

s17 Attention: Theory Only

Room : Yangtze 2

Chaired by: Federico Calle-Vallejo and Priyamvada Goyal

14:00 to 14:20
Jan Rossmeisl (Department of Chemistry, University of Copenhagen, Copenhagen, Denmark)

Modeling the Electrochemical Interface

14:20 to 14:40
Minoru Otani (Research Centre for Computational Design of Advanced Functional Materials, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan)

First-Principles Simulation of Electrochemical Reactions at Solid/Liquid Interface: From a Microscopic Analysis to the Current-Voltage Characteristic Curve

14:40 to 15:00
Jean-Sébastien Filhol (Chemistry, CTMM, ICGM/Université de Montpellier, Montpellier, France), Nicolas Lespes

Modeling Electrochemical Processes at the Solvent-Electrode Interface

15:00 to 15:20
Ryosuke Jinnouchi (Smart Material Design Division, Toyota Central R&D Labs., Inc., Nagakute, Japan), Kensaku Kodama, Yu Morimoto

DFT Calculations on Electrified Interfaces: Electrosorption Valency Value and Symmetry Factor

15:20 to 15:40
Eckhard Spohr (Department of Chemistry, University Duisburg-Essen, Essen, Germany)

Proton Transport through Aqueous Electrolyte Solutions to Charged Metal Electrodes and Electrochemical Discharge

15:40 to 16:00
Heine Hansen (Department of Energy Conversion and Storage, Technical University of Denmark, Kgs. Lyngby, Denmark), Mateusz Reda, Tejs Vegge

Oxygen Reduction Activity on Graphite Encapsulated Catalysts

16:00 to 16:20
Fritz Scholz (Institut für Biochemie, Universität Greifswald, Greifswald, Germany)

On the Thermodynamics of Insertion Electrochemical Systems

16:20 to 16:40
Coffee Break

Chaired by: Jan Rossmeisl and Fritz Scholz

16:40 to 17:20 KEYNOTE

ALEXANDER KUZNETSOV PRIZE FOR THEORETICAL ELECTROCHEMISTRY

Martin Z. Bazant (Chemical Engineering and Mathematics, Massachusetts Institute of Technology, Cambridge, USA)

Theory of Electrochemical Interfaces at High Voltage

17:20 to 17:40

Andrei Kulikovsky (Institute of Energy and Climate Research, IEK-3, Research Centre Juelich, Juelich, Germany)

Analytical Tools for Deciphering PEM Fuel Cell Impedance Spectra

17:40 to 18:00

Hartmut Löwen (Institut für Theoretische Physik II: Weiche Materie, Heinrich-Heine Universität Düsseldorf, Düsseldorf, Germany), Elshad Allahyarov, Lei Zhu

Actuation of Lattice Nanocomposites with Polarizable Inclusions by an Electric Field

18:00 to 18:20

Douwe Jan Bonthuis (Rudolf Peierls Centre for Theoretical Physics, Oxford University, Oxford, United Kingdom)

Ions at interfaces: Combining molecular dynamics simulations and continuum theory

18:20 to 18:40

Juan Maria Garcia Lastra (Department of Energy Conversion and Storage, Technical University of Denmark, Kongens Lyngby, Denmark), Tejs Vegge, Rune Christensen, Yedilfana Mekonnen, Nicolai Mathiesen, Marko Melander, Simon Loftager

Modeling of transport phenomena in battery cathode materials

Tuesday, 23 August 2016

ROOMS:	Mississippi	Yangtze 1	Oceania	King Willem Alexander	Oceania Foyer	Europe	Amazon	Everest	Kilimanjaro	Yangtze 2
SYMPOSIUM	**Symposium 1**	**Symposium 3**	**Symposium 6**	**Symposium 7**	**Symposium 8**	**Symposium 11**	**Symposium 13**	**Symposium 15**	**Symposium 16**	**Symposium 9**
08:15 - 09:15	**Plenary Lecture:** Linda F. Nazar (**King Willem Alexander**)									
09:30 - 09:50	Lucio Angnes	Lars Jeuken	Maria Forsyth	Serhiy Cherevko	John R. Miller	Edward Roberts	Vincent Vivier	Abdelaziz Houmam	YuYe Tong	Juan Santiago
09:50 - 10:10	A. Gamero Quijano	Ross Milton		S. Berthon-Fabry			Beatriz Valcarce		G. Tremiliosi-Filho	
10:10 - 10:30	Salvatore Daniele	Felipe Conzuelo	Andreas Blidberg	Denis Kramer	Wataru Sugimoto	Tomas Bystron	Masayuki Itagaki	Frederic Gloaguen	Evangelina Pensa	Peng Liang
10:30 - 10:50	Gaston Crespo	Leonard Stoica	Hyuk Jae Kwon	Alessandro Zana	Minglong He	Javier Llanos	Tobias Baldhoff	Marilia Goulart	Katharina Krischer	Ran Zhao
10:50 - 11:10	Coffee Break &									
11:10 - 11:30	POSTERS SESSION 2 (s3, s4, s7, s10)									
11:30 - 11:50										
11:50 - 12:10										
12:10 - 12:30										
	Lunch					Council Meeting	Lunch			
12:40 - 13:40										
	Symposium 1	**Symposium 3**	**Symposium 6**	**Symposium 7**	**Symposium 8**	**Symposium 11**	**Symposium 13**	**Symposium 14**	**Symposium 16**	**Symposium 9**
14:00 - 14:20	Bryan McCloskey	Itamar Willner	Diana Golodnitsky	Anna K. Schuppert	Chi-Chang Hu	R.C. Rocha-Filho	Shinji Fujimoto	Jan Fransaer	Sylvain Brimaud	Bert Hamelers
14:20 - 14:40			Robert Kostecki	Piotr Zelenay	Thierry Brousse	Jan-Chris. Wiencke	Jan P. Kollender		F. Calle-Vallejo	
14:40 - 15:00	Shibabrata Basak	Nicolas Plumeré	Yongyao Xia	Qingfeng Li	Agnieszka Brzózka	K. Groen. Serrano	Barbara Laurent	Olaf Magnussen	Anna Wuttig	Chad Vecitis
15:00 - 15:20	Fabio Masiello	Paul Kavanagh	Hatem M.A. Amin	Daniel Malko	Krzysztof Fic	C. A. Martin.-Huitle	Ying Li	Jon Ustarroz	Karen Chan	Youri Gendel
15:20 - 15:40	Gunther Wittstock	Plamen Atanassov	Klemen Pirnat	Ioanna Martinaiou	Juhan Lee	Ricardo Salazar	Herman Terryn	Meng Nan Chong	Elisabet Ahlberg	Piotr Dlugolecki
15:40 - 16:00	Jesus Garoz-Ruiz	W. Schuhmann	Yang-Kook Sun	Ken Sakaushi	Christian Koczwara	Tzayam Pérez	Bernard Tribollet	Elizabeth Oseland	Stefan Ringe	Chia-Hung Hou
16:00 - 16:20	Aranzazu Heras	Seiya Tsujimura		Satoko Takase	Asuman Unal	Salvador Cotillas	Hanna Sopha	Karl S. Ryder	Rachel Sapstead	Jouke Dykstra
16:20 - 16:40	Coffee Break									
16:40 - 17:00	Maria Cuartero	Bernhard Wolfrum	Alejandro A. Franco	Peter Strasser	M. Sku.-Nuckowska	Clément Trellu	Monica Santamaria	Laxmidhar Besra	Philip Bartlett	Volker Presser
17:00 - 17:20	Neso Sojic	David Perry	Marca Doeff		Heejoon Ahn	Elisama Santos	David Holuscha			
17:20 - 17:40	Lane Baker	Alexander Oleinick	Christoph Vaalma	E. Zamburlini	Vladislav Ivanistsev	Henry Bergmann	Sviatl. V. Lamaka	Claudine Filiatre	Katrin F. Domke	Xin Gao
17:40 - 18:00	Christa Brosseau	J. Juhaniewicz	Yoji Sakurai	Laetitia Dubau	Yuqing Liu	Erika Bustos	D. Vijayshankar	Cédric Frantz	Andrew Wain	Jianyun Liu
18:00 - 18:20	Javier Izquierdo	Marc Riedel	Aurélie Guéguen	Juan Herranz	Evgeny Senokos	Minghua Zhou	Yang Yu	Rosalina Pérez	Nagahiro Hoshi	Yu-Hsuan Liu
18:20 - 18:40	Georg Papastavrou	Anne de Poulpiquet	Liuqing Yang	Isaac Adjei Safo	Kumar Raju	Audrey Iranzo	B. Fernand-Perez	Begona Ferrari	Kei Murakoshi	Matthew Suss
18:40 - 20:00	Reception									

Tuesday 23 August 2016, Morning

Plenary Lecture

Room : King Willem Alexander

Chaired by: Stefano Passerini

08:15 to 09:15

Linda F. Nazar (Department of Chemistry and Waterloo Institute for Nanotechnology, University of Waterloo, Waterloo, Canada)

New Vistas in Electrochemical Energy Storage

s01 New Horizons in Analytical Electrochemistry

Room : Mississippi

Chaired by: Priscilla Baker

09:30 to 09:50 INVITED

Lucio Angnes (Departamento de Química Fundamental, Universidade de São Paulo, São Paulo, Brazil)

Modified Electrodes: The Starting of an Endless Frontier?

09:50 to 10:10

Alonso Gamero Quijano (LCPME, Université de Lorraine, Nancy, France), Lukasz Poltorak, Gregoire Herzog, Alain Walcarius

Ion Stripping Voltammetry at liquid/liquid interfaces modified with electrogenerated mesoporous silica

10:10 to 10:30

Salvatore Daniele (Department of Molecular Sciences and Nanosystems, University Cà Foscari Venice, Venice, Italy), Gregorio Bonazza, Nicolò Gasparetto, Carlo Bragato

Pseudopolarography of Aqueous Suspensions of Silver Nanoparticles Using a Platinum Microelectrode

10:30 to 10:50

Gaston Crespo (Inorganic and Analytical Chemistry, University of Geneva, Geneva, Switzerland)

Novel Electrochemical Concepts for In-situ Environmental Measurements

10:50 to 11:10

Coffee Break

s03 New Approaches for Interfacing Electrochemistry and Biological Systems

Room : Yangtze 1

Chaired by: Lars Jeuken and Stanislav Trashin

09:30 to 09:50 INVITED

Lars Jeuken (School of Biomedical Sciences, University of Leeds, Leeds, United Kingdom), Ee Taek Hwang, Khizar Sheikh, Katherine Orchard, Daisuke Hojo, Valentin Radu, Chong-Yong Lee, Emma Ainsworth, Colin Lockwood, Manuela Gross, Tadafumi Adschiri, Erwin Reisner, Julea Butt

Mimicing Photosystems: Decaheme Cytochromes as Molecular Electron Conduits in Semiconductor Nanoparticle Photoanodes

09:50 to 10:10

Ross Milton (Departments of Chemistry and Mechanical Engineering, University of Utah, Salt Lake City, USA), Sofiene Abdellaoui, Donal Leech, Shelley Minteer

Heterogeneous Bioelectrochemistry of Nitrogenase

10:10 to 10:30

Felipe Conzuelo (Analytical Chemistry, Center for Electrochemical Sciences, Ruhr-Universität Bochum, Bochum, Germany), Vera Eßmann, Fangyuan Zhao, Adrian Ruff, Volker Hartmann, Marc M. Nowaczyk, Matthias Rögner, Wolfgang Schuhmann

Coupling of PS1 and PS2 Protein Complexes Integrated in Redox Polymer-Modified Bioelectrodes for Artificial Photosynthesis Driven by Bipolar Electrochemistry

10:30 to 10:50

Leonard Stoica (Department of Food Science and Technology, University of Natural Resources and Life Sciences, Vienna, Austria)

Electrochemical Evidences on Rational Design of Oxygen-Reactivity at Pyranose 2-Oxidase based on Site-Saturation Mutagenesis

10:50 to 11:10

Coffee Break

s06 Novel Materials and Devices for Energy Storage: Batteries for Tomorrow's World

Room : Oceania

Chaired by: Dominic Bresser and Maria Forsyth

09:30 to 10:10 KEYNOTE

Maria Forsyth (Institute for Frontier Materials, Deakin University Burwood Camps, Burwood, Australia), Patrick Howlett, Douglas MacFarlane, Matthias Hilder, Fangfang Chen, Faezeh Makhlooghiazad

Mixed salt electrolytes for Sodium battery applications

10:10 to 10:30

Andreas Blidberg (Dept. of Chemistry - Ångström Laboratory, Uppsala University, Uppsala, Sweden), Adam Sobkowiak, Carl Tengstedt, Torbjörn Gustafsson, Fredrik Björefors

Electrochemical Performance of PEDOT Coated $LiFeSO_4F$ Electrodes

10:30 to 10:50

Hyuk Jae Kwon (Energy Lab, SAIT, Samsung Electronics, Suwon-si, Korea), Jeongsik Ko, Heung Chan Lee, Dongmin Im, Seok-Gwang Doo

The Effect of Oxygen Partial Pressure on Li-Air Battery Performances: Capacity and Cycle Life

10:50 to 11:10

Coffee Break

s07 Novel Materials and Devices for Energy Conversion and Storage: Fuel Cells, Electrolysers, Regenerative Fuel Cells and Flow Batteries

Room : King Willem Alexander

Chaired by: Peter Strasser

09:30 to 09:50

Serhiy Cherevko (Helmholtz-Institute Erlangen-Nuremberg for Renewable Energy, Forschungszentrum Jülich, Erlangen, Germany), Simon Geiger, George Polymeros, Gareth P. Keeley, Olga Kasian, Jan-Philipp Grote, Nadiia Kulyk, Karl J. .J. Mayrhofer

In-situ Analysis of Electrochemical Degradation Processes in Printed Pt/C Catalyst Layers

09:50 to 10:10

Sandrine Berthon-Fabry (PERSEE, Mines ParisTech, Sophia Antipolis, France), Fabien Labbé, Rudolf Metkemeijer, Yasser Ahmad, Nicolas Batisse, Marc Dubois, Katia Guérin, Belen Molina Concha, Frédéric Maillard, Laetitia Dubau, Raphael Chattot, Marian Chatenet

Durability of carbon supports for PEMFC application. Influence of the degree of graphitization and effect of fluorination

10:10 to 10:30 INVITED

Denis Kramer (Engineering Sciences, University of Southampton, Southampton, United Kingdom), Colleen Jackson, Graham T. Smith, Andrea Russell, Pieter B. J. Levecque

Oxygen Reduction Activity and Durability of Nanoparticulate Pt Supported on Boron and Silicon Carbides

10:30 to 10:50

Alessandro Zana (Chemistry, University of Copenhagen, Copenhagen, Denmark), Matthias Arenz

Carbon corrosion on PEMFC catalysts: From commercial Carbon blacks to Graphitized carbon blacks

10:50 to 11:10

Coffee Break

s08 Novel Materials and Devices for Energy Storage: Capacitors

Room : Oceania Foyer

Chaired by: Chi-Chang Hu

09:30 to 10:10 KEYNOTE

John R. Miller (JME, Inc. and Case Western Reserve University, Beachwood, USA), Sue M. Butler

Electrochemical Capacitor Design Optimization

10:10 to 10:30

Wataru Sugimoto (Faculty of Textile Science and Technology, Shinshu University, Ueda, Japan)

High Surface Area “Non-activated” Reduced Graphite Oxide

10:30 to 10:50

Minglong He (Electrochemical Energy Storage Section, Paul Scherrer Institut, Villigen PSI, Switzerland), Krzysztof Fic, Elzbieta Frackowiak, Petr Novák, Erik J. Berg

Ageing Phenomena in High-voltage Aqueous Supercapacitors Investigated by In Situ Gas Analysis

10:50 to 11:10

Coffee Break

s09 Capacitive Electrodes for Environmental Technology

Room : Yangtze 2

Chaired by: Matthew Suss

09:30 to 10:10 KEYNOTE

Juan Santiago (Mechanical Engineering Department, Stanford University, Stanford, USA), Ali Hemmatifar, Yatian Qu, James Palko, Michael Stadermann

Energy Loss Mechanisms in Capacitive Deionization

10:10 to 10:30 INVITED

Peng Liang (School of Environment, Tsinghua University, Beijing, China), Yanhong Bian, Xia Huang

Capacitive Separator for Enhanced Desalination Performance of Membrane Capacitive Deionization

10:30 to 10:50

Ran Zhao (School of Physics and Materials, East China Normal University, Shanghai, China), Miao Wang, Likun Pan

Capacitive neutralization deionization with flow electrodes

10:50 to 11:10

Coffee Break

s11 Electrochemical Engineering for Improvement of Process Sustainability

Room : Europe

Chaired by: Ann Cornell

09:30 to 10:10 KEYNOTE

Edward Roberts (Department of Chemical & Petroleum Engineering, University of Calgary, Calgary, Canada)

Electrochemical Treatment of Industrial Waste Water: Challenges and Opportunities

10:10 to 10:30

Tomas Bystron (Department of Inorganic Technology, University of Chemistry and Technology Prague, Prague 6, Czech Republic), Jakub Polonsky, Martin Paidar, Martin Vesely, Karel Bouzek

Anodic Ti passivation in the operating PEM water electrolyser

10:30 to 10:50

Javier Llanos (Department of Chemical Engineering, University of Castilla-la Mancha, Ciudad Real, Spain), Martin Muñoz, Salvador Cotillas, Manuel A. Rodrigo, Pablo Cañizares

Development of Electrocoagulation Processes for the Removal of Pesticides

10:50 to 11:10

Coffee Break

s13 Corrosion: The Electrochemistry of Corrosion and Approaches to Corrosion Protection

Room : Amazon

Chaired by: Wouter Hamer

09:30 to 09:50
Vincent Vivier (LISE, UPMC - CNRS, Paris, France), Stéphane Heurtault, Suzanne Joiret, Raphael Robin, Fabien Rouillard
Pitting corrosion on 316L stainless steel investigated through single event experiment

09:50 to 10:10
Beatriz Valcarce (Division Corrosion y Electroquímica, INTEMA, UNMdP, Mar del Plata, Argentina)
Correlation between donor density and inhibition efficiency by phosphate and nitrite ions on carbon steel

10:10 to 10:30
Masayuki Itagaki (Department of Pure and Applied Chemistry, Tokyo University of Science, Noda, Japan), Taisuke Koike, Masanori Soukura, Tatsuki Okamoto, Hiroyuki Tokieda, Yoshinao Hoshi, Isao Shitanda, Yoshitaka Kato
EIS to Investigate Concrete Degradation and Rebar Corrosion

10:30 to 10:50
Tobias Baldhoff (Department of Chemical and Process Engineering, University of Canterbury, Christchurch, New Zealand), Aaron Marshall
Study of Anodically Formed Solid Films during Electropolishing of Aluminium using Electrochemical Impedance Spectroscopy

10:50 to 11:10
Coffee Break

s15 New Molecules - Synthesis, Fundamental Electron Transfer Properties and their Relationship with Molecular Action

Room : Everest

Chaired by: Andrew Doherty

09:30 to 10:10 KEYNOTE
Abdelaziz Houmam (Department of Chemistry, University of Guelph, Guelph, Canada), Kallum M. Koczkur, Emad M. Hamed, Colin R. Hesp, Hamida Muhammad, Hanh Doai, Chang Ji
Electrochemical Investigation of Various Organosulfur Compounds: Fundamental and Practical Aspects

10:10 to 10:30 INVITED
Frederic Gloaguen (UMR 6521, CNRS, Université de Bretagne Occidentale, Brest, France)
Catalysis of H_2 Production by Iron-Thiolate Complexes: an Electrochemical and Computational Study

10:30 to 10:50
Marilia Goulart (Instituto de Química e Biotecnologia, Universidade Federal de Alagoas, Maceio, Brazil), Thaissa Lucio Silva, André Felippe Xavier, Camila C. de Vasconcelos, Rosanny C. Silva, Fabricia R. Ferreira, Paulo R. Costa, Chaquip D. Netto
ROS Release and Alkylating Ability of Pterocarpanquinones: Electrochemistry meets Medicinal Chemistry

10:50 to 11:10
Coffee Break

s16 Physical and Interfacial Electrochemistry: Progress in Spectroscopy, Imaging and Theoretical Analysis

Room : Kilimanjaro

Chaired by: Andrew Gewirth

09:30 to 09:50

YuYe Tong (Department of Chemistry, Georgetown University, Washington, USA), Eric G. Sorte, Dejun Chen

New in situ Methods for Fuel Cells and Batteries: Dual-Electrode IR Spectroscopy and Stripline NMR spectroscopy

09:50 to 10:10

Germano Tremiliosi-Filho (Department of Physical Chemistry, Institute of Chemistry of Sao Carlos,University of Sao Paulo, Sao Carlos, Brazil), Nyccolas Emanuel de Souza, Janaina Fernandes Gomes

Reactivity of Alcohols with 3-Carbon-Atom Chain on Gold Electrode in Different Electrochemical Environments

10:10 to 10:30

Evangelina Pensa (Chemistry, Imperial College London, London, United Kingdom), Tim Albrecht

Small Au Nanoparticles and their Interaction with Metallic Surfaces

10:30 to 10:50 INVITED

Katharina Krischer (Physik-Department, Technische Universität München, Garching, Germany), Konrad Schönleber, Maximilian Patzauer

Spatio-temporal in-situ study of dynamic phenomena during Si electrodissolution by means of ellipsometric imaging

10:50 to 11:10

Coffee Break

Tuesday, 23 August 2016, Afternoon

s01 New Horizons in Analytical Electrochemistry

Room : Mississippi

Chaired by: Lane Baker and Fethi Bedioui

14:00 to 14:40 KEYNOTE

Early Career Analytical Electrochemistry Prize of ISE Division 1

Bryan McCloskey (Chemical and Biomolecular Engineering, University of California, Berkeley, USA)

Ion Solvation Effects in the Nonaqueous Li-O_2 Electrochemistry

14:40 to 15:00

Shibabrata Basak (Quantum Nanosciences, Delft, Netherlands), Sairam Krishna Malladi, Deepak Pratap Singh, Henny Zandbergen

In-situ TEM investigation on high performance Lithium-ion battery materials

15:00 to 15:20

Fabio Masiello (Product Marketing XRD, PANalytical B.V., Almelo, Netherlands), Gwilherm Nénert, Marco Sommariva, Martijn Fransen, Milen Gateshki, Stjepan Prugovecki, Stefan Seidlmayer

Using X-ray diffraction and imaging for the investigation of battery materials: from bulk structural characterization to in situ and in operando measurements

15:20 to 15:40

Gunther Wittstock (Institute of Chemistry, Carl von Ossietzky University of Oldenburg, Oldenburg, Germany), Saustin Dongmo, Patrick Schwager, Daniela Fenske

Formation and detection of reactive oxygen species in SECM configurations

15:40 to 16:00

Jesús Garoz-Ruiz (Department of Chemistry, Universidad de Burgos, Burgos, Spain), Aranzazu Heras, Alvaro Colina

Direct Measurement of Ascorbic Acid in Fruits: Expanding the Horizons of Spectroelectrochemistry

16:00 to 16:20

Aranzazu Heras (Department of Chemistry, Universidad de Burgos, Burgos, Spain), Alvaro Colina, Noelia González-Dieguez, Jesús Garoz-Ruiz, Daniel Izquierdo, Carlos Guillen, Joaquin Barrera

Time-Resolved UV/Vis Absorption Spectroelectrochemistry: A Trilinear Technique for Quantitative Analysis

16:20 to 16:40

Coffee Break

16:40 to 17:00

Maria Cuartero (Department of Inorganic and Analytical Chemistry, University of Geneva, Geneva, Switzerland), Gaston Crespo, Eric Bakker

Thin Layer Membranes for Multi-Analyte Detection

17:00 to 17:20

Neso Sojic (ISM, University of Bordeaux, Pessac, France), Haidong Li, Adam C. Sedgwick, Stephane Arbault, Tony D. James

Novel Electrochemiluminescent Strategy for Selective Saccharide Detection Based on Boronic Acid Recognition

17:20 to 17:40 INVITED

Lane Baker (Chemistry, Indiana University, Bloomington, USA)

Scanning Electrospray Microscopy: A new mode of electrochemical imaging

17:40 to 18:00
Christa Brosseau (Chemistry, Saint Mary's University, Halifax, Canada), Lili Zhao, Reem Karaballi, Scott Harroun

Plasmon-Enhanced Spectroelectrochemistry - An Advanced Tool for Point-of-Care Diagnostics

18:00 to 18:20
Javier Izquierdo (Institute of Analytical and Bioanalytical Chemistry, University of Ulm, Ulm, Germany), Boris Mizaikoff, Christine Kranz

Spectroelectrochemistry in the mid-IR region at modified boron-doped diamond surfaces

18:20 to 18:40
Georg Papastavrou (Physical Chemistry II, University of Bayreuth, Bayreuth, Germany), Andreas Mark, Sebastian Gödrich, Christian Stellilng, Hartmut Stadler, Markus Retsch, Zhuangqun Huang

Simultaneous Nano-Electrochemical and Topographical Imaging of Au-Nanomesh Electrodes and Micro-Contact Printed Self-Assembled Thiol-Monolayers

s03 New Approaches for Interfacing Electrochemistry and Biological Systems

Room : Yangtze 1

Chaired by: Fred Lisdat and Olga Swiech

14:00 to 14:40 KEYNOTE
Itamar Willner (Institute of Chemistry, The Hebrew University of Jerusalem, Jerusalem, Israel)

Electrical Contacting of Redox Proteins with Electrodes. A Basic Paradigm for Development of Biosensors, Fuel Cells and Photobioelectrochemical Cells

14:40 to 15:00
Nicolas Plumeré (Center for Electrochemical Sciences, Ruhr-Universität Bochum, Bochum, Germany), Stefanie Stapf, Darren Buesen, Huaiguang Li, Adrian Ruff, Felipe Conzuelo, Alaa Oughli, Olaf Rüdiger, Martin Winkler, Vincent Fourmond, Christophe Léger, Thomas Happe, Wolfgang Lubitz, Wolfgang Schuhmann

Redox Hydrogels as Protection Matrices for Redox Biocatalysts

15:00 to 15:20
Paul Kavanagh (School of Chemistry, National University of Ireland, Galway, Galway, Ireland), Peter OConghaile, Donal Leech, Michelle Coote

Rational Design of Electron Mediators for Use in Enzymatic Fuel Cells: Towards High Current at Low Overpotentials

15:20 to 15:40 INVITED
Plamen Atanassov (Chemical and Biological Engineering Department, University of New Mexico, Albuquerque, USA), Ivana Matanovic, Sofia Babanova

Rational Design of Electrodes for Biofuel Cells and Biosensors

15:40 to 16:00
Wolfgang Schuhmann (Analytical Chemistry, Center for Electrochemical Sciences, Ruhr-Universität Bochum, Bochum, Germany)

Electrocatalysis and bioelectrocatalysis - distinction without a difference

16:00 to 16:20
Seiya Tsujimura (Division of Materials Science, Faculty of Pure and Applied Sciences, University of Tsukuba, Tsukuba, Japan), Ayumu Niiyama

Glucose/O_2 enzymatic biofuel cell based on MgO-templated porous carbon

16:20 to 16:40
Coffee Break

16:40 to 17:00 INVITED

Bernhard Wolfrum (Department of Electrical and Computer Engineering, Technical University of Munich, Garching, Germany), Philipp Rinklin, Truong Ka My Dang, Nouran Adly, Bernd Bachmann, Alexey Yakushenko, Jan Schnitker, Kay J. Krause

Sensor Arrays for Probing Defined Cell-Network Configurations

17:00 to 17:20

David Perry (Department of Chemistry, University of Warwick, Coventry, United Kingdom), Dmitry Momotenko, Binoy Paulose Nadappuram, Patrick Unwin

Electrochemical Mapping of the Surface Charge of Living Cells

17:20 to 17:40

Alexander Oleinick (Department of Chemistry, CNRS UMR 8640 'PASTEUR', Ecole Normale Superieure, Paris, France), Irina Svir, Christian Amatore

Theoretical Extraction of Fusion Nanopores Topology from Amperometric Measurements of Vesicular Exocytosis at Chromaffin Cells and Neuromuscular Junctions

17:40 to 18:00

Joanna Juhaniewicz (Faculty of Chemistry, University of Warsaw, Warsaw, Poland), Slawomir Sek

Interactions of lipopeptides with different optical activity with model lipid membranes

18:00 to 18:20

Marc Riedel (Biosystems Technology, Institute of Applied Life Sciences, Technical University of Applied Sciences Wildau, Wildau, Germany), Sara Lippert, Martin Eickhoff, Wolfgang J. Parak, Fred Lisdat

Light-triggered bioanalysis based on semiconductor nanostructures

18:20 to 18:40

Anne de Poulpiquet (Institute of Molecular Sciences, CNRS, University of Bordeaux, Pessac, France), Beatriz Diez-Buitrago, Milena Milutinovic, Laurent Bouffier, Stephane Arbault, Alexander Kuhn, Neso Sojic

Enzymatic detection by three-dimensional bipolar electrochemiluminescence

TUESDAY PM

s06 Novel Materials and Devices for Energy Storage: Batteries for Tomorrow's World

Room : Oceania

Chaired by: Marca Doeff and Marnix Wagemaker

14:00 to 14:20

Diana Golodnitsky (School of Chemistry, Tel Aviv University, Tel Aviv, Israel), Raymond Blanga, Meital Goor, Inna Schektman, Tzah Mukra, Emanuel Peled

Concerning the all-solid-state Li/S battery

14:20 to 14:40

Robert Kostecki (ESDR, LBNL, Berkeley, USA), V. Battaglia, G. Chen, W. Chen, G. Liu, D. Membreno, K. Persson, A. Shukla, L. Terborg, T. Yi

The Mechanism of the Impedance Increase in HCMRTM Cathodes

14:40 to 15:00

Yongyao Xia (Department of Chemistry, Fudan University, Shanghai, China)

To Improve Electrochemical Performance of Li–S Batteries by Optimizing Electrodes, Electrolytes, Separators and Cell Architectures

15:00 to 15:20

Hatem M.A. Amin (Institute of Physical and Theoretical Chemistry, University of Bonn, Bonn, Germany), Christoph Molls, Helmut Baltruschat

Electrocatalytic Activity of Co_3O_4-Based Catalyst in DMSO Electrolyte and Study of G4-DMSO Mixed Solvent for Li-O_2 Batteries

15:20 to 15:40

Klemen Pirnat (L10 Laboratory for Materials Chemistry, National Institute of Chemistry, Ljubljana, Slovenia), Jan Bitenc, Tanja Banèiè, Miran Gaberscek, Bostjan Genorio, Anna Randon-Vitanova, Robert Dominko

Rechargeable Magnesium Battery with Anthraquinone-Based Polymer as Cathode

15:40 to 16:20 KEYNOTE

Yang-Kook Sun (Department of Energy Engineering, Hanyang University, Seoul, Korea)

Next Generation Cathode Materials for High-Energy Lithium-Ion Batteries

16:20 to 16:40

Coffee Break

16:40 to 17:00 INVITED

Alejandro A. Franco (Laboratoire de Réactivité et Chimie de Solides (LRCS), Université de Picardie Jules Verne & CNRS (UMR 7314), Amiens, France)

Multiscale computational modeling to the rescue of lithium-ion and post-lithium batteries: myths, facts and challenges

17:00 to 17:20 INVITED

Marca Doeff (Energy Storage and Distributed Resources Division, Lawrence Berkeley National Laboratory, Berkeley, USA)

The Promise of Sodium-Ion Batteries

17:20 to 17:40

Christoph Vaalma (Helmholtz Institute Ulm, Karlsruhe Institute of Technology, Ulm, Germany), Daniel Buchholz, Stefano Passerini

Non-Aqueous Potassium-Ion Batteries

17:40 to 18:00

Yoji Sakurai (Electrical and Electronic Information Engineering, Toyohashi University of Technology, Toyohashi, Japan), Hayato Tawa, Yuki Ishihara, Noriyuki Oshida, Ryoji Minami, Yoshiaki Murata, Tomohiro Tojo, Ryoji Inada

Electrochemical Characterization of Layered α-MoO_3 Electrode Material for Calcium Ion Battery

18:00 to 18:20

Aurélie Guéguen (Electrochemistry Laboratory, Paul Scherrer Institute, Villigen, Switzerland), Daniel Streich, Minglong He, Petr Novák, Erik J. Berg

Decomposition in $LiPF_6$ in high energy Li-ion batteries studied with online electrochemical mass spectrometry

18:20 to 18:40

Liuqing Yang (Department of Chemical and Biomolecular Engineering, National University of Singapore, Singapore, Singapore), Jingfa Li, Xi Jiang, Jim Yang Lee

Lithiated Graphite Felt/Lithium Hybrid Anode Enables High Performance in Redox Flow Lithium-Polysulfides Battery

s07 Novel Materials and Devices for Energy Conversion and Storage: Fuel Cells, Electrolysers, Regenerative Fuel Cells and Flow Batteries

Room : King Willem Alexander

Chaired by: Simon Thiele

14:00 to 14:20

Anna K. Schuppert (Heterogeneous Reactions, Max-Planck Institute for Chemical Energy Conversion, Muelheim, Germany), Andrea Zitolo, Moulay Tahar Sougrati, Deborah Jones, Frederic Jaouen

Ultra-Low Amounts of Pt stabilize Non-Precious Metal Catalysts for Oxygen Reduction

14:20 to 14:40 INVITED

Piotr Zelenay (Materials Physics and Applications Division, Los Alamos National Labooratory, Los Alamos, USA), Hoon T. Chung, Ulises Martinez, Ling Lin, Xi Yin, Geraldine M. Purdy, Edward F. Holby

Recent Progress in the Development of Non-Precious Metal ORR Catalysts for Fuel Cells

14:40 to 15:00

Qingfeng Li (Department of Energy Storage and Conversion, Technical University of Denmark, Lyngby, Denmark), Yang Hu, Lijie Zhong, Lars N. Cleemann, Jens Oluf Jensen

High Pressure Synthesis of Non-precious Metal ORR Catalysts for Low Temperature Fuel Cells

15:00 to 15:20

Daniel Malko (Department of Chemistry, Imperial College London, London, United Kingdom), Thiago Lopes, Anthony Kucernak

In-situ electrochemical quantification of active sites in Fe-N/C non-precious metal catalysts

15:20 to 15:40

Ioanna Martinaiou (Department of Materials- and Earth Science, Technical University of Darmstadt, Darmstadt, Germany), Fabian Grimm, Ali Shahraei, Sabine Hesse, Robert Stark, Carolin Wittich, Hans-Joachim Kleebe, Ulrike I. Kramm

Influence of the structural composition on the activity and stability of Me-N-C electrocatalysts for the Oxygen Reduction Reaction (ORR)

15:40 to 16:00

Ken Sakaushi (International Center for Materials Nanoarchitectonics, National Institute for Materials Science, Tsukuba, Japan), Kohei Uosaki

In Search of Carbon-, Nitrogen- Compounds for Hydrogen and Oxygen Electrocatalytic Reactions: Correlation of Catalytic Activity, Pore- and Chemical-Structures

16:00 to 16:20

Satoko Takase (Department of Applied Chemistry, Kyushu Institute of Technology, Kitakyushu, Japan), Daiki Ikeda, Kotomi Ando, Youichi Shimizu

Oxygen Reduction Properties of Structure-Controlled Metal Phthalocyanine Electrocatalysts in Acidic Condition

16:20 to 16:40

Coffee Break

16:40 to 17:20 KEYNOTE

Peter Strasser (Chemistry, Tu Berlin, Berlin, Germany), Mikaela Gorlin, Jorge Ferreira de Araujo, Soeren Dresp, Fabio Dionigi, Petko Chernev, Holger Dau

Electrochemical water splitting on NiFe oxide nanocatalysts

17:20 to 17:40

Eleonora Zamburlini (Physics, Technical University of Denmark, Kongens Lyngby, Denmark), Bjorn Wickman, Niklas Lindahl, Maria Escudero-Escribano, Ifan Stephens, Ib Chorkendorff

Pt-rare earth alloys thin films as efficient catalysts for oxygen electroreduction

17:40 to 18:00

Laetitia Dubau (LEPMI, CNRS, Saint Martin d'Hères, France), Jaysen Nelayah, Simona Moldovan, Ovidiu Ersen, Pierre Bordet, Jakub Drnec, Tristan Asset, Chattot Raphaël, Frédéric Maillard

Defects do Catalysis: CO Monolayer Oxidation and Oxygen Reduction Reaction on Hollow PtNi/C Nanoparticles

18:00 to 18:20

Juan Herranz (Electrochemistry Laboratory, Paul Scherrer Institut, Villigen , Switzerland), Sebastian Henning, Laura Kühn, Wei Liu, Alexander Eychmüller, Thomas Justus Schmidt

Unsupported Pt-Ni Aerogels as Oxygen Reduction Catalysts for Polymer Electrolyte Fuel Cells

18:20 to 18:40

Isaac Adjei Safo (Electrocatalysis Group, Dept. of Physical Chemistry, Carl von Ossietzky University of Oldenburg, Oldenburg, Germany), Jan-Steffen Haverkamp, Rieke Meinen, Burkhard Hecker, Mehtap Oezaslan

Structural Loss of Shape-controlled Platinum Nanoparticles for PEFC Application

s08 Novel Materials and Devices for Energy Storage: Capacitors

Room : Oceania Foyer

Chaired by: Thierry Brousse and Wataru Sugimoto

TUESDAY PM

14:00 to 14:20 INVITED

Chi-Chang Hu (Department of Chemical Engineering, National Tsing Hua University, Hsinchu, Taiwan), Da-Je Hsu, Yu-Wen Chi, Hsiao-Hsuan Shen

Electrochemical Activation of Carbons for Enhancing the Capacitive Performances of Organic Electrical Double-Layer Capacitors

14:20 to 14:40 INVITED

Thierry Brousse (Institut des Matériaux de Nantes, CNRS, University of Nantes, Nantes, France), Nicolas Goubard-Bretesché, Gaëtan Buvat, Olivier Crosnier, Camille Douard, Antonella Iadecola, Stéphanie Belin, Richard Retoux, Christophe Payen, Frédéric Favier, Kazuaki Kisu, Etsuro Iwama, Katsuhiko Naoi

Pseudocapacitive $FeWO_4$ compound: from fundamental to applications

14:40 to 15:00

Agnieszka Brzózka (Institute of Chemistry and Technical Electrochemistry, Poznan University of Technology, Poznan, Poland), Krzysztof Fic, Grzegorz Sulka

Conducting Polymer Nanowire Arrays for Supercapacitor Application

15:00 to 15:20

Krzysztof Fic (Institute of Chemistry and Technical Electrochemistry, Poznan University of Technology, Poznan, Poland), Barbara Gorska, Paulina Bujewska, François Béguin, Elzbieta Frackowiak

Pseudohalide-based Electrolytes For High-Energy Electrochemical Capacitors

15:20 to 15:40

Juhan Lee (Energy Materials, INM - Leibniz Institute for New Materials, Saarbrücken, Germany), Soumyadip Choudhury, Volker Presser

High voltage hybrid electrochemical energy storage with potassium ferricyanide: synergy of double-layer formation and soluble redox

15:40 to 16:00

Christian Koczwara (Insitute of Physics, Montanuniversitaet Leoben, Leoben, Austria), Nicolas Jäckel, Anna Schreiber, Max Burian, Heinz Amenitsch, Markus A. Hartmann, Volker Presser, Oskar Paris, Christian Prehal

Quantifying local ion rearrangement in nanoporous carbon supercapacitors using in-situ small angle X-ray scattering

16:00 to 16:20

Asuman Unal (Chemistry, University of Leicester, Leicester, United Kingdom), Robert Hillman, Karl S. Ryder

The Effect of MWCNT on Electrochemical Deposition of Polyaniline and Polypyrrole Films and Their Redox Switching in Ionic Liquid

16:20 to 16:40

Coffee Break

16:40 to 17:00

Magdalena Skunik-Nuckowska (Department of Chemistry, University of Warsaw, Warsaw, Poland), Joanna Szymczyk, Slawomir Dyjak, Pawel J. Kulesza

Tungsten Polyoxometalates for Redox Electrolyte Enhanced Supercapacitors

17:00 to 17:20

Heejoon Ahn (Department of Organic and Nano Engineering, Hanyang University, Seoul, Korea), Sang Hyun Lee, Sung Hyeon Park, Hak-Sung Kim

Intense Pulsed White Light (IPWL)-assisted Facile and Agile Fabrication of Metal and Metal Oxide Nanostructures for High Performance Supercapacitor Applications

17:20 to 17:40

Vladislav Ivanistsev (Institute of Chemistry, University of Tartu, Tartu, Estonia), Maksim Mi□n, Maxim V. Fedorov

Structural transitions in the double layer and properties of ionic liquid–electrode interfaces: a computational perspective

17:40 to 18:00
Yuqing Liu (Intelligent Polymer Research Institute, University of Wollongong, Wollongong, Australia), Joselito M. Razal, Gordon Wallace, Jun Chen

Flexible Supercapacitor Designs based on rGO-PEDOT/PSS Film

18:00 to 18:20
Evgeny Senokos (Multifunctional Nanocomposites Group, IMDEA Materials Institute, Getafe, Spain), Victor Reguero, Jesús Palma, Juan Jose Vilatela, Rebeca Marcilla

Development of Multifunctional EDLC based on Macroscopic Fibres of CNTs

18:20 to 18:40
Kumar Raju (Energy Materials, Council for Scientific and Industrial Research, Pretoria, South Africa), Funeka P. Nkosi, P. Nithyadharseni, Mkhulu K. Mathe, Kenneth I. Ozoemena

Graphene Oxide Decorated $LiNiPO_4$ Nanorods as a Potential Positive Electrode for High Energy Density Li-Ion Hybrid Capacitors

s09 Capacitive Electrodes for Environmental Technology

Room : Yangtze 2

Chaired by: Maarten Biesheuvel

14:00 to 14:40 KEYNOTE
Bert Hamelers (Wetsus, Leeuwarden, Netherlands), Louis Legrand, Olivier Schaetzle, Robert de Kler, Maarten Biesheuvel

The Electrosorption Process for Energy Generation

14:40 to 15:00 INVITED
Chad Vecitis (Paulson School of Engineering and Applied Sciences, Harvard University, Cambridge, USA), Gregory Silverberg

Nanoarchitectured Graphene Oxide Capacitive Electrodes

15:00 to 15:20
Youri Gendel (Civil and Environmental Engineering, Technion - Israel Institute of Technology, Haifa, Israel), Christian Linnartz

Application of flow electrode capacitive deionization for the double displacement reactions

15:20 to 15:40
Piotr Dlugolecki (Technology Development, Voltea, Sassenheim, Netherlands), Aurora Spragg, Carlos Camero, Bryan Brister

Membrane Capacitive Deionization Applied for High-Temperature Water Reuse Applications

15:40 to 16:00 INVITED
Chia-Hung Hou (Graduate Institute of Environmental Engineering, National Taiwan University, Taipei, Taiwan)

Applications of Capacitive Electrodes in the Electrosorption Process for Water Purification

16:00 to 16:20
Jouke Dykstra (Department of Environmental Technology, Wageningen University / Wetsus, Wageningen, Netherlands), Albert van der Wal, Maarten Biesheuvel

Modeling pH fluctuations in Membrane Capacitive Deionization

16:20 to 16:40
Coffee Break

16:40 to 17:20 KEYNOTE
Volker Presser (Chair of Energy Materials, INM - Leibniz Institut für Neue Materialien, Saarbrücken, Germany)

Design of nanoporous carbon electrodes for water desalination *via* capacitive deionization

17:20 to 17:40 INVITED
Xin Gao (Center for Applied Energy Research, University of Kentucky, Lexington, USA), Ayokunle Omosebi, James Landon, Kunlei Liu

Surface Charge of Carbon Electrodes for Capacitive Deionization

17:40 to 18:00
Jianyun Liu (Environmental Engineering, Donghua University, Shanghai, China)
Various Activated Carbon Composite Recipes for Capacitive Deionization Device

18:00 to 18:20
Yu-Hsuan Liu (Environmental Engineering, National Taiwan University, Taipei, Taiwan), Chia-Hung Hou

Development of Manganese Dioxide-Activated Carbon Composite Electrodes for Enhancing Capacitive Deionization Performance by Pseudocapacitance

18:20 to 18:40
Matthew Suss (Mechanical Engineering, Technion - Israel Institute of Technology, Haifa, Israel), Maarten Biesheuvel

Capacitive deionization: emerging trends and new directions

s11 Electrochemical Engineering for Improvement of Process Sustainability

Room : Europe

Chaired by: Edward Roberts

14:00 to 14:20 INVITED
Romeu C. Rocha-Filho (Dept. of Chemistry, Universidade Federal de São Carlos, São Carlos, Brazil), Gabriel F. Pereira, Bianca F. da Silva, Regina V. Oliveira, Douglas A.C. Coledam, Jose Mario Aquino, Nerilso Bocchi, Sonia R. Biaggio

Electrochemical degradation of the herbicide tebuthiuron using a boron-doped diamond or β-PbO2 anode in a flow system

14:20 to 14:40
Jan-Christian Wiencke (Ironmaking, Global Research and Development, ArcelorMittal Maizières Research SA, Maizières-lès-Metz, France), Hervé Lavelaine, Pierre-Jean Panteix, Carine Petitjean, Christophe Rapin

Electrochemical production of liquid iron via Molten Oxide Electrolysis

14:40 to 15:00
Karine Groenen Serrano (Laboratoire de Génie Chimique, University Paul Sabatier, Toulouse, France), Yandi Lan, Clémence Coetsier, Christel Causserand

Role of Salts on the Pharmaceuticals Remediation by Electrochemical Oxidation

15:00 to 15:20 INVITED
Carlos Alberto Martinez-Huitle (Federal University of Rio Grande do Norte, Natal, Brazil), Camila Carvalho de Almeida, Danyelle Medeiros de Araujo, Katlin Eguiluz, Giancarlo Salazar-Banda

Role of Bromide Release during the Anodic Oxidation of Bromophenol Blue dye: Hypobromite ion Formation

15:20 to 15:40
Ricardo Salazar (Química de los Materiales, University of Santiago of Chile, Santiago, Chile)

Treatment of winery wastewater by electro-oxidation with BDD electrode

15:40 to 16:00
Tzayam Pérez (División de Ingenierias, Universidad de Guanajuato, Guanajuato, Mexico), Ignacio Sirés, Enric Brillas, José L. Nava

Solar Photoelectro-Fenton Degradation of the Antibiotic Erythromycin Using a Recirculation Flow Plant with a FM01-LC Cell and a CPC Photoreactor

16:00 to 16:20
Salvador Cotillas (Chemical Engineering Department, University of Castilla-La Mancha, Ciudad Real, Spain), María J. Martín de Vidales, Leonor Cañizares, María P. Castro, Cristina Sáez, Pablo Cañizares, Manuel A. Rodrigo

Electrolytic and electro-irradiated technologies with diamond anodes for the removal of pesticide clopyralid from soil washing wastes

16:20 to 16:40
Coffee Break

16:40 to 17:00
Clément Trellu (Laboratoire Géomatériaux et Environnement, University Paris-Est, Noisy-le-Grand, France), Oleksandra Ganzenko, Stefano Papirio, Yoan Pechaud, Nihal Oturan, David Huguenot, Eric Van Hullebusch, Giovanni Esposito, Mehmet A. Oturan

Treatment of Soil Washing Solution by Combined Processes Coupling Anodic Oxidation and Biological Treatment

17:00 to 17:20
Elisama Santos (School of Science and Technology, Federal University of Rio Grande do Norte, Natal, Brazil), Cristina Sáez, Pablo Cañizares, Carlos Alberto Martinez-Huitle, Manuel Andres Rodrigo

Treating soil-washing effluents polluted with oxyfluorfen by sonolysis and sono-electrolysis with diamond anodes

17:20 to 17:40
Henry Bergmann (FB 6&7, Anhalt University, Köthen/Anh., Germany), Jens Hartmann, Tatiana Iourtchouk, Daniela Nordmann

On the AOX formation during Inline Electrolysis at Laboratory Scale

17:40 to 18:00
Erika Bustos (Science, Centro de Investigación y Desarrollo Tecnológico en Electroq, Pedro Escobedo, Mexico), Verónica Herrada, Gustavo Acosta-Santoyo

A Potato Tubers Based Biocell for Detoxification of Mercury – Polluted Soils and Generation of Bioelectricity

18:00 to 18:20
Minghua Zhou (College of Environmental Science and Engineering, Nankai University, Tianjin, China)

Comparative study of acrylonitrile degradation by electrocoagulation, electro-Fenton and peroxi-coagulation

18:20 to 18:40
Audrey Iranzo (Chemical Engineering, Laboratoire de Génie Chimique, Université Paul Sabatier, Toulouse, France), Fabien Chauvet, Theo Tzedakis

Growth and dispersion of iron electrodeposits under ultrasonification

s13 Corrosion: The Electrochemistry of Corrosion and Approaches to Corrosion Protection

Room : Amazon

Chaired by: Mary Ryan and Shinji Fujimoto

14:00 to 14:20
Shinji Fujimoto (Division of Materials and Manufacturing Science, Osaka University, Suita, Osaka, Japan), Shohei Hasegawa, Hiroaki Tsuchiya

Cathodic Reactions on Passive Films Evaluated by Transient Potential Measurement During and After Pulse Galvano-static Polarization

14:20 to 14:40
Jan Philipp Kollender (Institute for Chemical Technology of Inorganic Materials, Johannes Kepler University Linz, Linz, Austria), Achim Walter Hassel

Online monitoring of metal dissolution during anodisation of Ti, Nb and Ta

14:40 to 15:00

Barbara Laurent (DEN/DANS/DPC/SCCME/LECNA, Commissariat à l'Energie Atomique de Saclay, Gif sur Yvette, France), Nathalie Gruet, Benoît Gwinner, Frederic Miserque, Michel Tabarant, Kevin Ogle

Elemental selective dissolution of a silicon-rich austenitic stainless steel in acidic medium investigated through Atomic Emission Spectro Electrochemistry

15:00 to 15:20

Ying Li (Laboratory for Corrosion and Protection, Institute of Metal Research, Shenyang, China), Chen Pan, Tianshu Li, Li Liu

Study the corrosion behaviour of sputtered nanocrystalline stainless steel coating by electrochemical measurements and in-situ AFM technique

15:20 to 15:40

Herman Terryn (Research Group Electrochemical and Surface Engineering, Vrije Universiteit Brussel, Brussels, Belgium), Hans Simillion, Nils Van den Steen, Olga Dolgikh, Deconinck Johan

Atmospheric corrosion prediction by electrochemical modelling

15:40 to 16:00

Bernard Tribollet (LISE UMR 8235, UPMC, Paris, France), Mai Tran, Eliane Sutter

Advances in the Use of EIS Methods for the Analysis of an Aluminium Oxide Layer in the Cathodic Domain

16:00 to 16:20

Hanna Sopha (Center of Materials and Nanotechnologies, Faculty of Chemical Technology, University of Pardubice, Pardubice, Czech Republic), Ales Jäger, Petr Knotek, Jan M. Macak

Self-Organized TiO_2 Nanotubes: Influence of the Ti Microstructure on the Nanotube Growth

16:20 to 16:40

Coffee Break

16:40 to 17:00

Monica Santamaria (Electrochemical Materials Science Laboratory, DICAM, University of Palermo, Palermo, Italy), Francesco Di Franco, Giuseppe Massaro, Francesco Di Quarto

Monitoring of Rouging and De-Rouging of Stainless Steel for Chemical Reactors by Photoelectrochemical and Impedance Measurements

17:00 to 17:20

David Holuscha (Corrosion, DECHEMA Forschungsinstitut, Frankfurt am Main, Germany), Wolfram Fürbeth, Christian Thyssen, Wolfgang Sand

Cyclodextrin-modified steel surface for inhibition of (a)biotic corrosion

17:20 to 17:40

Sviatlana V. Lamaka (MagIC - Magnesium Innovation Center, Helmholtz-Zentrum Geesthacht, Geesthacht, Germany), Anissa Bouali, Darya Snihirova, Maryna Taryba, Maria Serdechnova, M. Fatima Montemor, Mikhail L. Zheludkevich

False Positives on Self-healing by SVET

17:40 to 18:00

Dandapani Vijayshankar (Interface Chemistry and Surface Engineering, Max-Planck-Institut für Eisenforschung GmbH, Düsseldorf, Germany), Abdulrahman Altin, Michael Rohwerder

A Novel Potentiometric Approach to a Quantitative Characterization of Oxygen Reduction Kinetics at Buried Metal – Organic Coating Interfaces

18:00 to 18:20

Yang Yu (Department of Materials Science and Technology, Nagaoka University of Technology, Nagaoka, Japan), Sayoko Shironita, Kunio Nakatsuyama, Kenichi Souma, Minoru Umeda

High Temperature Nitriding of Ni-free Ferrite SUS445 Stainless Steel for Bipolar Plate in PEFCs

18:20 to 18:40

Bibiana Fernández-Pérez (Department of Chemistry, University of La Laguna, La Laguna, Spain), Vicente Mena, Juan J. Santana, Javier Izquierdo, Ricardo M. Souto

Combined Imaging of Topography and Local Chemical Activity for the Characterization of Thin Films and Coatings by Scanning Electrochemical Microscopy

s14 Combined Electro and Electrophoretic Deposition for Advanced Materials Synthesis

Room : Everest

Chaired by: Aldo Boccaccini, Begoña Ferrari and Marcel J. Rost

14:00 to 14:40 KEYNOTE
Jan Fransaer (Department of Materials Engineering, KU Leuven, Heverlee, Belgium), Ellad Tadmor, Linda Stappers, Christian Ntumba-Ngoy, Dimitri Soccol, Minxian Wu

New insights and applications of electrocodeposition

14:40 to 15:00 INVITED
Olaf Magnussen (Institute of Experimental and Applied Physics, Kiel University, Kiel, Germany)

Operando Studies of Electrodeposition Processes by Novel Synchrotron X-ray Scattering Techniques

15:00 to 15:20
Jon Ustarroz (Electrochemical and Surface Engineering (SURF), Vrije Universiteit Brussel, Brussels, Belgium), Minkyung Kang, Erin Bullions, Annick Hubin, Patrick Unwin

Electrochemical deposition and dissolution at the single nanoparticle level

15:20 to 15:40
Meng Nan Chong (School of Engineering, Chemical Engineering Discipline, Monash University Malaysia, Bandar Sunway, Malaysia), Tao Zhu, Yi Wen Phuan, Chong Siang Yaw, Chun Yuan Chot

Understanding the Photogenerated Charge Transfer Properties and Photoelectrocatalytic Water Oxidation Ability in Electrochemically Synthesized Semiconductor Thin Films and Heterojunction Structures

15:40 to 16:00
Elizabeth Oseland (Department of Chemistry, University of Warwick, Coventry, United Kingdom)

Meniscus Confined Micropatterning of Polyacrylamide Gel Using Scanning Electrochemical Cell Microscopy (SECCM)

16:00 to 16:20
Karl S. Ryder (Department of Chemistry, University of Leicester, Leicester, United Kingdom), Marian Perera, Christopher Zaleski, Robert Hillman

Characterization of Ag-Bi Alloy Film Deposition and Dissolution Using Electrochemical, Acoustic Wave and Optical Measurements

16:20 to 16:40
Coffee Break

16:40 to 17:20 KEYNOTE
Laxmidhar Besra (Colloids and Materials Chemistry, Institute of Minerals and Materials Technology (IMMT), Bhubaneswar, India)

Electrophoretic Deposition as a Versatile Technique for Advanced Materials and Coatings: Interfacial Phenomena

17:20 to 17:40 INVITED
Claudine Filiâtre (Institut UTINAM-UMR6213, University of Bourgogne, Franche-Comté, Besançon, France), Cédric Buron, Myriam Euvrard, Céline Pignolet, Alexandra Monnin

Electrophoretic Deposition and Assembly of Functionalised Colloidal Particles in Aqueous Media: Influence of Surfactants, Alternate Polyelectrolyte Multilayer and pH

17:40 to 18:00
Cédric Frantz (Laboratory for Mechanics of Materials and Nanostructures, Empa, Thun, Switzerland), Cristina V. Manzano, Alessandro Lauria, Johann Michler, Markus Niederberger, Laetitia Philippe

Electrophoretic deposition of TiO_2 nanoparticles on anodized aluminium

18:00 to 18:20
Rosalina Pérez (Ceramic Surfaces, Fundación CIDETEC, San Sebastián, Spain), David Vélez, Ma. Ángeles Corres, Josemari Muñoz, José Antonio Díez

Electrophoretic Deposition of VITA/Ti6Al4V for Bioinert Ceramic Coatings

18:20 to 18:40
Begoña Ferrari (Ceramica, Instituto de Ceramica y Vidrio, CSIC, Madrid, Spain), Zoilo Gonzalez, Carlos Mendoza, Elena Gordo, Yolanda Castro

Inducing flocculation of TiN nanoparticles during deposition through their steric stabilization in non-aqueous suspensions

s16 Physical and Interfacial Electrochemistry: Progress in Spectroscopy, Imaging and Theoretical Analysis

Room : Kilimanjaro

Chaired by: Dan Bizzotto and Juan Miguel Feliu Martinez

14:00 to 14:20
Sylvain Brimaud (Institute of Surface Chemistry and Catalysis, Ulm University, Ulm, Germany), Albert Engstfeld, Elena Fischer, R. Jürgen Behm

The properties of Pt-ML electrocatalytic surfaces

14:20 to 14:40
Federico Calle-Vallejo (Leiden Institute of Chemistry, Leiden University, Leiden, Netherlands), Marc Koper

Structure-Activity Relationships in the electroreduction of CO and CO_2 on copper catalysts

14:40 to 15:00
Anna Wuttig (Chemistry, Massachusetts Institute of Technology, Cambridge, USA), Can Liu, Qiling Peng, Momo Yaguchi, Shen Ye, Kenta Motobayashi, Masatoshi Osawa, Yogesh Surendranath

Dynamics of Adsorbed Intermediates during Cu-Catalyzed CO_2-to-Fuels Catalysis

15:00 to 15:20
Karen Chan (SUNCAT Center for Interface Science and Catalysis, Stanford University, SLAC National Accelerator Laboratory, Stanford, Menlo Park, USA), Michal Bajdich, Leanne D. Chen, Robert Sandberg, Jianping Xiao, Jens. K Nørskov

Theoretical Investigations of Electrochemical CO_2 Reduction

15:20 to 15:40 INVITED
Elisabet Ahlberg (Department of Chemistry and Molecular Biology, University of Gothenburg, Gothenburg, Sweden), Kristoffer Hedenstedt, Joakim Bäckström

Water Reduction on α- and γ-FeOOH: *In-situ* Raman Spectroscopy

15:40 to 16:00
Stefan Ringe (Chair f. Theoretical Chemistry and Catalysis Research Center, Technische Universität München, Garching, Germany), Harald Oberhofer, Sebastian Matera, Karsten Reuter

Function-Space Based Solution Scheme for the Size-Modified Poisson-Boltzmann Equation in Full-Potential DFT

16:00 to 16:20
Rachel Sapstead (Chemistry, University of Leicester, Leicester, United Kingdom), Karl S. Ryder, Robert Hillman, Virginia Ferreira, Emma Smith, Robert Dalgleish, Nina-Juliene Steinke

Acquisition of Time-Resolved Neutron Reflectivity Data for Dynamic Electrochemical Experiments

16:20 to 16:40
Coffee Break

16:40 to 17:20 KEYNOTE

Philip Bartlett (Chemistry, University of Southampton, Southampton, United Kingdom)

Plasmonic surfaces for electrochemical surface enhanced Raman spectroscopy

17:20 to 17:40

Katrin F. Domke (Molecular Spectroscopy Department, MPI Polymer Research, Mainz, Germany)

Electrochemical TERS of adenine re-orientation on Au(111)

17:40 to 18:00

Andrew Wain (Materials Division, National Physical Laboratory, Teddington, United Kingdom)

Probing Catalytic Hydrogenation at Single Crystal Electrodes using Electrochemical Surface-Enhanced Raman Spectroscopy

18:00 to 18:20 INVITED

Nagahiro Hoshi (Department of Applied Chemistry and Biotechnology, Chiba University, Chiba, Japan), Masashi Nakamura, Fumiya Sugimura, Katsuyoshi Ikeda

Surface Enhanced Raman Spectroscopy on Well-Defined Low Index Planes of Pt in Ar and O_2 Saturated Solutions

18:20 to 18:40 INVITED

Kei Murakoshi (Department of Chemistry, Hokkaido University, Sapporo, Japan)

Surface-Enhanced Raman Scattering as a Probe for Interaction between Photons and Molecules at Electrified Interfaces

Wednesday, 24 August 2016

ROOMS:	Mississippi	Yangtze 1	Oceania	King Willem Alexander	Oceania Foyer	Europe	Amazon	Everest	Kilimanjaro	Yangtze 2
SYMPOSIUM	**Symposium 2**	**Symposium 3**	**Symposium 6**	**Symposium 7**	**Symposium 19**	**Symposium 10**	**Symposium 13**	**Symposium 5**	**Symposium 16**	**Symposium 9**
08:15 - 09:15	**Plenary Lecture:** Anders Nilsson (**King Willem Alexander**)									
09:30 - 09:50	Klaus Mathwig	George Wilson	Reza Younesi	Christina Roth	Katherine Ayers	Mikhael Levi	M. F. Montemor	Leonard Tender	Michael Eikerling	T. Alan Hatton
09:50 - 10:00	Qijin Chi	Marta Pozuelo	Prabeer Barpanda	Jochen Friedl	Joosje van Bennekom		Nadine Pebere		Elena Savinova	
10:00 - 10:10		Xinxin Xiao								
10:10 - 10:20	Paul Bohn	M. Murawska	Yong-Sheng Hu	N. Roznyatovskaya	Henri Barde	Sébastien Moitzheim	Eduardo Ponzio	Annemiek Ter Heijne	Hiroyuki Kawaura	E. Julio Calvo
10:20 - 10:30		J. Alv.-Malmagro								
10:30 - 10:40		Michal Kizling		Matthias Steimecke	Thijs de Groot	Daniel Scherson	Matthias Uebel	Antonin Prévoteau	Ulmas E. Zhumaev	Kyle Smith
10:40 - 10:50		Galina Pankratova								
10:50 - 11:10	Coffee Break &							R. Ramasamy		
11:10 - 11:30	POSTERS SESSION 3 (s8, s9, s12, s13, s14, s15, s16, s17, s18, s20)							X. Domin.-Benetton		
11:30 - 11:50										
11:50 - 12:10										
12:10 - 12:30										

Wednesday, 24 August 2016, Morning

Plenary Lecture

Room : King Willem Alexander

Chaired by: Katharina Krischer

08:15 to 09:15

Anders Nilsson (Department of Physics, AlbaNova University Center, Stockholm, Sweden)

Operando X-ray Studies of Electrocatalysis

s02 Nanostructured Materials in Electroanalytical Chemistry

Room : Mississippi

Chaired by: Tim Albrecht and Leyla Soleymani

09:30 to 09:50 INVITED

Klaus Mathwig (Groningen Research Institute of Pharmacy, University of Groningen, Groningen, Netherlands)

Stochastic Amperometry in Nanofluidic Electrochemical Sensors

09:50 to 10:10 INVITED

Qijin Chi (DTU Chemistry, Technical University of Denmark, Kgs. Lyngby, Denmark), Minwei Zhang, Arnab Halder, Chengyi Hou

Electrochemical nanomaterials synthesized using graphene as scaffolds or templates for analytical and sensing applications

10:10 to 10:50 KEYNOTE

Paul Bohn (Chemical and Biomolecular Engineering, University of Notre Dame, Notre Dame, USA), Chaoxiong Ma, Lawrence Zaino Jr., Wei Xu, Erick Foster, Donghoon HanRedox Cycling in Zero-Dimensional Nanoelectrode Arrays with Fluorigenic Redox Reporters

10:50 to 11:10

Coffee Break

s03 New Approaches for Interfacing Electrochemistry and Biological Systems

Room : Yangtze 1

Chaired by: Damien Arrigan and Renata Bilewicz

09:30 to 09:50 **KATSUMI NIKI PRIZE FOR BIOELECTROCHEMISTRY**

George Wilson (Chemistry, University of Kansas, Lawrence, USA)

Bioelectrochemistry: The Nature of the Electrode-Biological Interface

09:50 to 10:00

Marta Pozuelo (Nanoprobes and Nanoswitches, Institute for Bioengineering of Catalonia (IBEC), Barcelona, Spain), Juan Manuel Artes Vivancos, Fausto Sanz, Pau Gorostiza, Ismael Díez-Pérez

Studying charge transport in Single-Protein wires

10:00 to 10:10

Xinxin Xiao (Materials and Surface Science Institute, University of Limerick, Limerick, Ireland), Kanso Hussein, Peter OConghaile, Donal Leech, Edmond Magner

When enzymatic biofuel cell meets flow cell: How hydrodynamic flow affects performance

10:10 to 10:20

Magdalena Murawska (Chemistry, Centre de Recherche Paul Pascal, Pessac, France), A. Karajic, M. Heim, Stéphane Reculusa, S. Ravaine, N. Mano, Alexander Kuhn

Designing highly organized porous electrode architectures as a dual host for tailored enzymes

10:20 to 10:30

Julia Alvarez-Malmagro (Quimica Fisica, Universidad de Sevilla, Sevilla, Spain), ZhanFei Su, Jacek Lipkowski, Manuela Rueda, Francisco Prieto

Biomimetic bilayer consiting of 1-hexadecanethiol and a cytidine nucleolipid supported on the Au(111) electrode: A spectroelectrochemical study by PM-IRRAS

10:30 to 10:40

Michal Kizling (Faculty of Chemistry, Warsaw University, Warsaw, Poland), Krzysztof Stolarczyk, Leif Nyholm, Renata Bilewicz

Application of cellulose/conductive polymer paper as free standing matrix for enzyme immobilization in enzymatic fuel cell

10:40 to 10:50

Galina Pankratova (Department of Biochemistry and Structural Biology, Lund University, Lund, Sweden), Kamrul Hasan, Donal Leech, Lars Hederstedt, Lo Gorton

Electrochemical Study of the Extracellular Electron Transfer of Enterococcus faecalis to Electrodes

10:50 to 11:10

Coffee Break

s05 Current Progress in Microbial Electrochemical Technologies

Room : Everest

Chaired by: Bert Hamelers

09:30 to 10:10 KEYNOTE
Leonard Tender (Center for Bio/Molecular Science and Engineering, Naval Research Laboratory, Washington, USA)
Understanding Electron Transport in a Durable Mixed Community Microbial Biocathode Enriched from Seawater

10:10 to 10:30 INVITED
Annemiek Ter Heijne (Sub-department of Environmental Technology, Wageningen University, Wageningen, Netherlands), Dandan Liu, Tom Sleutels, Fran Fabregat-Santiago
Characterization of Bio-anode Capacitance on Fluorine Tin Oxide (FTO) Electrodes using Electrochemical Impedance Spectroscopy

10:30 to 10:50 INVITED
Antonin Prévoteau (Laboratory of Microbial Ecology and Technology, Ghent University, Ghent, Belgium), Annelies Geirnaert, Jan Arends, Sylvain Lannebère, Tom Van de Wiele, Korneel Rabaey
Hydrodynamic Chronoamperometry for Probing Kinetics of Microbial Metabolism

10:50 to 11:10 INVITED
Ramaraja Ramasamy (College of Engineering, University of Georgia, Athens, USA)
Understanding Extracellular Electron Transport in Electrochemically Active Microorganisms

11:10 to 11:30 INVITED
Xochitl Dominguez-Benetton (Separation and Conversion Technology, VITO, Mol, Belgium)
Electrochemical Equilibria on Microbial-Electrometallurgical Systems

s06 Novel Materials and Devices for Energy Storage: Batteries for Tomorrow's World

Room : Oceania

Chaired by: Yong-Sheng Hu and Fokko Mulder

09:30 to 09:50
Reza Younesi (Department of Chemistry, Ångström Laboratory, Uppsala University, Uppsala, Sweden), Habtom Desta Asfaw, Mario Valvo, Kristina Edström
Solid Electrolyte Interphase on Hard Carbon Anodes in Na-ion Batteries

09:50 to 10:10 **ISE PRIZE FOR APPLIED ELECTROCHEMISTRY**
Prabeer Barpanda (Materials Research Center, Indian Institute of Science, Bangalore, India), Ritambhara Gond, Ganesh Shinde
Insights on New Phosphate Compounds for Na-ion Batteries

10:10 to 10:50 KEYNOTE - **TAJIMA PRIZE**
Yong-Sheng Hu (Key Laboratory for Renewable Energy, Institute of Physics, Chinese Academy of Sciences, Beijing, China)
Prototype Na-Ion Batteries for Grid-Scale Energy Storage

10:50 to 11:10
Coffee Break

s07 Novel Materials and Devices for Energy Conversion and Storage: Fuel Cells, Electrolysers, Regenerative Fuel Cells and Flow Batteries

Room : King Willem Alexander

Chaired by: Ifan Stephens

09:30 to 09:50 INVITED

Christina Roth (Chemistry and Biochemistry, FU Berlin, Berlin, Germany), Joachim Langner, Igor Derr, Julia Melke, Abdul Monem Fetyan

Novel carbon-based electrodes for all-V redox flow batteries

09:50 to 10:10

Jochen Friedl (School of Chemistry, Newcastle University, Newcastle upon Tyne, United Kingdom), Ulrich Stimming

The Composition of the Electrode Determines which Half-Cells Rate Constant is Higher in a Vanadium Flow Battery

10:10 to 10:30

Nataliya Roznyatovskaya (Applied Electrochemistry, Fraunhofer Institute for Chemical Technology, Pfinztal, Germany), Jens Noack, Matthias Fühl, Karsten Pinkwart, Jens Tübke

Spectrophotometric and Electrochemical Investigation of Vanadium Electrolyte in $V^{3.5+}$ Form for Redox-Flow Batteries: V(III)/(IV) conversion

10:30 to 10:50

Matthias Steimecke (Institut für Chemie, Martin-Luther-Universität Halle-Wittenberg, Halle, Germany), Stefan Rümmler

Scanning electrochemical microscopy (SECM) as a versatile tool for the evaluation of carbon-based materials employed in all-vanadium redox flow batteries

10:50 to 11:10

Coffee Break

WEDNESDAY AM

s09 Capacitive Electrodes for Environmental Technology

Room : Yangtze 2

Chaired by: Juan Santiago

09:30 to 10:10 KEYNOTE

T. Alan Hatton (Chemical Engineering, Massachusetts Institute of Technology, Cambridge, USA), Xiao Su, Demetra S. Achilleos, Johannes Elbert, Wenda Tian, Sahag Voskian

Selective, Redox-Mediated Pseudocapacitive Electrodes for Environmental Separations

10:10 to 10:30

Ernesto Julio Calvo (INQUIMAE, University of Buenos Aires, Buenos Aires, Argentina), Florencia Marchini, Leandro Missoni, Maria del Pozo, Federico Williams

A LiMn2O4-Polypyrrole battery system for the extraction of LiCl from natural brine

10:30 to 10:50

Kyle Smith (Mechanical Science and Engineering, University of Illinois at Urbana-Champaign, Urbana, USA)

Quantifying the Performance of Na-Ion Desalination (NID) Cells

10:50 to 11:10

Coffee Break

s10 Electroactive, Functionalized and Nanostructured Materials and Composites: Modern Trends in Synthesis and Applications

Room : Europe

Chaired by: Mikhail Vorotyntsev

09:30 to 10:10 KEYNOTE
Mikhael Levi (Chemistry, Bar-Ilan University, Ramat-Gan, Israel), Doron Aurbach
Electrochemical Quartz Crystal Microbalance with Dissipation Monitoring as a Unique Mesoscopic Tool for Studying Intercalation-Induced Deformations in Battery Electrodes

10:10 to 10:30
Sébastien Moitzheim (Centre for Surface Chemistry and Catalysis, KU Leuven, Imec, Leuven, Belgium), Stefan De Gendt, Philippe M. Vereecken
Mechanism of lithium-ion insertion/extraction into nanoscale amorphous TiO_2

10:30 to 10:50
Daniel Scherson (Chemistry, Case Western Reserve University, Cleveland, USA), Adriel J.J. Jebaraj
Electrocatalytic Effects Induced by Adsorbed Halides: The Reduction of Hexaquairon (III) in Aqueous Solutions

10:50 to 11:10
Coffee Break

s13 Corrosion: The Electrochemistry of Corrosion and Approaches to Corrosion Protection

Room : Amazon

Chaired by: Herman Terryn

09:30 to 09:50
M. Fatima Montemor (CQE-DEQ, Instituto Superior Tecnico, Lisboa, Portugal), Darya Snihirova, Sviatlana V. Lamaka
Corrosion Inhibition Synergies on a Model Al-Cu-Mg Cell Studied by a Combination of Localized Scanning Electrochemical Techniques

09:50 to 10:10
Nadine Pebere (CIRIMAT, CNRS, Toulouse, France)
Influence of pH on the interactions of 8-hydroxyquinoline with pure Al surface: Electrochemical and DFT approaches

10:10 to 10:30
Eduardo Ponzio (Physical Chemistry, Federal Fluminense University, Niterói, Brazil), Paulo Buzzetti, Caio Fernandes, Carlos Ramos, Valeria Teixeira, Anderson Rocha
Inhibition effect of extract algae Prasiola crispa on corrosion of mild steel in 3.5% NaCl

10:30 to 10:50
Matthias Uebel (Interface Chemistry and Surface Engineering, Max-Planck-Institut für Eisenforschung GmbH, Düsseldorf, Germany), Ashokanand Vimalanandan, Li-Ping Lv, Daniel Crespy, Michael Rohwerder
Capsules with dual payloads for corrosion protection coatings – importance of the electronic coupling at the interface capsules/metal

10:50 to 11:10
Coffee Break

s16 Physical and Interfacial Electrochemistry: Progress in Spectroscopy, Imaging and Theoretical Analysis

Room : Kilimanjaro

Chaired by: Zhong-Qun Tian

09:30 to 09:50
Michael Eikerling (Department of Chemistry, Simon Fraser University, Burnaby, Canada), Jun Huang, Ali Malek
The Non-monotonic Charging Relation of Platinum: A Paradigm Change

09:50 to 10:10
Elena Savinova (ICPEES UMR 7515, University of Strasbourg, Strasbourg, France), Viktoriia Saveleva, Li Wang, Aldo S. Gago, K. Andreas Friedrich, Spyridon Zafeiratos
Oxygen Evolution Reaction at $Ir_xRu_{1-x}O_2$ Anodes: an Insight into the Ir Stabilization Effect from Near-Ambient Pressure XPS

10:10 to 10:30
Hiroyuki Kawaura (Toyota Central Research & Development Laboratories, Inc., Company, Nagakute, Japan), Masashi Harada, Yasuhito Kondo, Hiroki Kondo, Yoshitake Suganuma, Naoko Takahashi, Jun Suiyama, Yoshiki Seno, Norifumi Yamada
In Situ Analysis of Surface Film Formation at Electrode/Electrolyte Interface by Neutron Reflectometry

10:30 to 10:50
Ulmas E. Zhumaev (Molecular Spectroscopy, Max Planck Institute for Polymer Research, Mainz, Germany), Katrin F. Domke
Unraveling CO Oscillation Mechanisms with Electrochemical Surface Plasmon Imaging

10:50 to 11:10
Coffee Break

s19 Electrochemistry in Action

Room : Oceania Foyer

Chaired by: Plamen Atanassov

09:30 to 09:50 INVITED
Katherine Ayers (Engineering, Proton OnSite, Wallingford, USA)
Renewable Hydrogen *via* Electrolysis: Opportunities and Challenges

09:50 to 10:10 INVITED
Joosje van Bennekom (Metalconservation, Rijksmuseum Amsterdam, Amsterdam, Netherlands)
A large centerpiece made by Wenzel Jamnitzer (1549): the removal of silver sulfide from fragile silver life-casts

10:10 to 10:30 INVITED
Henri Barde (Power Systems Division, European Space Agency (ESA-ESTEC), Noordwijk, Netherlands)
Electrochemical Energy Storage for Space Applications:Requirements, Constraints and Solutions

10:30 to 10:50 INVITED
Thijs de Groot (Industrial Chemicals, AkzoNobel, Amsterdam, Netherlands)
The chlor-alkali process: mature but not finalized

10:50 to 11:10
Coffee Break

Thursday, 25 August 2016

ROOMS:	Mississippi	Yangtze 1	Oceania	King Willem Alexander	Oceania Foyer	Europe	Amazon	Everest	Kilimanjaro	Yangtze 2
SYMPOSIUM	**Symposium 2**	**Symposium 3**	**Symposium 6**	**Symposium 7**	**Symposium 4**	**Symposium 10**	**Symposium 20**	**Symposium 5**	**Symposium 16**	**Symposium 9**
08:15 - 09:15	**Plenary Lecture**: Serge Lemay (**King Willem Alexander**)									
09:30 - 09:50	Leyla Soleymani	Ritu Kataky	Ruediger-A. Eichel	David Eisenberg	David Williams	S. Maldonado	Hubert Girault	Nikhil Malvankar	Bernhard Gollas	Dennis Cardoen
09:50 - 10:10		Jacek Lipkowski	Seitaro Ito	Claude Lamy					Julia Maibach	Jesus Palma
10:10 - 10:30	Christophe Renault	Sarah Horswell	Sebastian Schmidt	Julian Behnken	Taek Dong Chung	Laurent Bouffier	Eduardo Laborda	Korneel Rabaey	Richard Nichols	Maarten Biesheuvel
10:30 - 10:50	Ezo Nxusani	Coffee Break						Oskar Modin		
11:10 - 12:10	General Assembly (King Willem Alexander)									
	Lunch									
12:40 - 13:40	Division 4 Meeting	Division 1 Meeting	Division 6 Meeting		Division 7 Meeting	Division 5 Meeting	Division 3 Meeting			Division 2 Meeting
	Symposium 2	**Symposium 7**	**Symposium 6**	**Symposium 7**	**Symposium 4**	**Symposium 10**	**Symposium 20**	**Symposium 12**	**Symposium 10**	**Symposium 18**
14:00 - 14:20	Frank Marken	James Weber	Vanessa Wood	Iryna Zenyuk	Jose M. Pingarron	Tom Breugelmans	Chr. Coutanceau	Shanna Knights	Robert Hillman	Kl. Jan Schouten
14:20 - 14:40	Kristina Tschulik	Javier Monzo	Jens Glenneberg	Adam Weber		Chang Hyuck Choi	Andrew Ballantyne		Christopher Brett	
14:40 - 15:00	Daniel Mandler	Thi Bich Hue Tran	François Ozanam	Yuya Yamashita	Stefania Rapino	Chr. Cachet-Vivier	Diogo Cabral	Takuya Hasegawa	Mikhail Vorotyntsev	Vincent Fourmond
15:00 - 15:20	Hamid R. Zafarani	Thomas Gaumont	Hui Zhang	Erik Kjeang	Damien Arrigan	Corina Andronescu	Corinne Lagrost		Laurent Ruhlmann	Suman Bajracharya
15:20 - 15:40	Magda. Michalak	Kaido Tammeveski	Arnulf Latz	Julia Melke	Martin Bartosik	Marcel Risch	Veronika Zinovyeva	Akos Kriston	György Inzelt	Fred Lisdat
15:40 - 16:00	Lisebo Phelane	Wen-Feng Lin	D. Guyomard	Nigel Brandon	Elena Ferapontova	Pa. Rodriguez	Liang Liu	Yuri Merla	Mark Burgess	Lo Gorton
16:00 - 16:20	Dongping Zha	Nina Erini			A. M. Oliveira-Brett	Iwona Rutkowska	Marcin Opallo	Karine Gerardin	Alex. Nekrasov	Pawel J. Kulesza
16:20 - 16:40	Coffee Break									
16:40 - 17:00	Tim Albrecht	Olga Kasian	Toshiyuki Momma	Marcel Risch	Koji Sode	Arjan Hovestad	Sotiris Sotiropoulos	Neus Sabate	S. Cord. de Torresi	Ana Sofia Varela
17:00 - 17:20		Turgut Sönmez	Chr. Masquelier	Gw. Kéranguéven		El A. M. Cherigui		Marc-Antoni Goulet	Gabriel Kopiec	Jonas Hereijgers
17:20 - 17:40	Heinz-Bernh. Kraatz	Nathaniel Leonard	Nika Mahne	Kelsey Stoerzinger	Stephane Arbault	Sandro Cattarin	Na Tian	Christoph Grimmer	Martin Sjödin	Akira Yamaguchi
17:40 - 18:00	Ja-an Annie Ho	Nick Daems	A. Bandarenka	Edson A. Ticianelli	Frédéric Lemaître	Marco Musiani	Simone Pokrant	Leo. Raymakers	Annette Delices	Dan Ren
18:00 - 18:20	Cheryl M. Karman	Enrico Pizzutilo	Andrew Hector	Antoine Bonnefont	Renata Bilewicz	Ulrike Langklotz	Ernesto C. Pereira	Jochen Zausch	Fetah I. Podvorica	Aaron Marshall
18:20 - 18:40	Omotayo Arotiba	Valentina Perazzolo	Lukas Schafzahl	Justus Masa	Alice Solda	Shokoufeh Rastgar	Barbara Palys	Niek de Klerk	Alison Downard	Séb. Garbarino

19:00 -	Banquet - Grand Hotel Amrath Kurhaus The Hague

Thursday, 25 August 2016, Morning

Plenary Lecture

Room : King Willem Alexander

Chaired by: Patrick Unwin

08:15 to 09:15

Serge Lemay (MESA+ Institute for Nanotechnology, University of Twente, Enschede, Netherlands)

Electrochemical Nanofluidics: from Nanogaps to Nanocapacitors

s02 Nanostructured Materials in Electroanalytical Chemistry

Room : Mississippi

Chaired by: Ja-an Annie Ho and Klaus Mathwig

09:30 to 10:10 KEYNOTE

Leyla Soleymani (Engineering Physics, McMaster University, Hamilton, Canada)

Developing Electrochemical Biosensors on the Laboratory Benchtop

10:10 to 10:30

Christophe Renault (Faculty of Science and Technology, University of Twente, Enschede, Netherlands), Cecilia Laborde, Harrie Verhoeven, Maarten Jongsma, Frans Widdershoven, Serge Lemay

Probing Capacitance Beyond the Double Layer with High-frequency Measurements

10:30 to 10:50

Ezo Nxusani (Chemical Sciences, University of the Western Cape, Bellville, Cape Town, South Africa), Emmanuel Iwuoha, Priscilla Baker

Facile Label-free Iridium Selenide Quantum Dots based Electrochemical Immunosensor for the Detection of Cyanotoxin-Nodularin

s03 New Approaches for Interfacing Electrochemistry and Biological Systems

Room : Yangtze 1

Chaired by: Joanna Juhaniewicz and Jacek Lipkowski

09:30 to 09:50 INVITED

Ritu Kataky (Chemistry, University of Durham, Durham, United Kingdom)

Size, Charge and Time dependent penetration of metallic nanoparticles into lipid layers

09:50 to 10:10

Jacek Lipkowski (Chemistry, University of Guelph, Guelph, Canada), Zhangfei Su, Muzaffar Shodiev

PMIRRAS Studies of Potential Controlled Insertion of Alamathicin into a model biomembrane supported at the Au(111) electrode

10:10 to 10:30

Sarah Horswell (School of Chemistry, University of Birmingham, Birmingham, United Kingdom), Philip Jemmett, Liam Cox

A Spectroelectrochemical Study Comparing the Effect of Electric Field on Supported Sphingomyelin and Phosphatidylcholine Bilayers

10:30 to 10:50 Coffee Break

s04 Electrochemical Approaches in Diseases and Human Health

Room : Oceania Foyer

Chaired by: Frédéric Lemaître and Woonsup Shin

09:30 to 10:10 KEYNOTE
David Williams (School of Chemical Sciences, University of Auckland, Auckland, New Zealand)
The Design of Miniature Bioassay Devices

10:10 to 10:30 INVITED
Taek Dong Chung (Chemistry, Seoul National University, Seoul, Korea), Inseong Hwang, Eun Joong Kim, Joohee Jeon
Artificial Synapse between Live Neuron and Solid Electrode

10:30 to 10:50 Coffee Break

s05 Current Progress in Microbial Electrochemical Technologies

Room : Everest

Chaired by: Xochitl Dominguez-Benetton and Korneel Rabaey

09:30 to 10:10 KEYNOTE
Nikhil Malvankar (Molecular Biophysics and Biochemistry, Yale University, West Haven, USA)
New methods to measure electron transport along Geobacter pili suggests novel strategies to accelerate extracellular electron transfer

10:10 to 10:30 INVITED
Korneel Rabaey (Center for Microbial Ecology and Technology, Ghent University, Ghent, Belgium)
Interfacing microbial and electrochemical systems enhances product formation and extraction

10:30 to 10:50 INVITED
Oskar Modin (Civil and Environmental Engineering, Chalmers University of Technology, Gothenburg, Sweden), Karin Karlfeldt Fedje
Microbial Electrochemical Reactors for Metal Recovery from Leachates

THURSDAY AM

s06 Novel Materials and Devices for Energy Storage: Batteries for Tomorrow's World

Room : Oceania

Chaired by: Ruediger-A. Eichel and Stefano Passerini

09:30 to 09:50 INVITED
Ruediger-A. Eichel (Institute Energy and Climate Research (IEK-9), Forschungszentrum Juelich, Juelich, Germany)
'*In-operando*' investigating fundamental processes during charge/discharge cycling – lithium plating and dendrite growth

09:50 to 10:10
Seitaro Ito (AR-3, Samsung R&D Institute Japan, Minoh, Japan), Ulderico Ulissi, Alberto Varzi, Ryo Omoda, Taku Watanabe, Yuichi Aihara, Stefano Passerini
All Solid-State Lithium-Sulfur Battery with High Ion-Conducting LiI-Li_3PS_4 Glass Solid Electrolyte

10:10 to 10:30
Sebastian Schmidt (Electrochemistry Laboratory, Paul Scherrer Institut, Villigen PSI, Switzerland), Sébastien Sallard, Petr Novák, Claire Villevieille

Lithium Iron Methylene Diphosphonate, an Organic-Inorganic Hybrid Material for Positive and Negative Li-ion Battery Electrodes

10:30 to 10:50 Coffee Break

s07 Novel Materials and Devices for Energy Conversion and Storage: Fuel Cells, Electrolysers, Regenerative Fuel Cells and Flow Batteries

Room : King Willem Alexander

Chaired by: Minoru Inaba

09:30 to 09:50
David Eisenberg (Van 't Hoff Institute for Molecular Science, University of Amsterdam, Amsterdam, Netherlands), Ning Yan, Wowa Stroek, Norbert J. Geels, Gadi Rothenberg

A Practical Approach to Tunable Oxygen Reduction Catalysts from Mg-Based MOFs

09:50 to 10:10 INVITED
Claude Lamy (Institut Européen des Membranes, CNRS-University of Montpellier, Montpellier, France)

From Hydrogen Production by Water Electrolysis to its Utilization in a Proton Exchange Membrane Fuel Cell (PEMFC) or in a Solid Oxide Fuel Cell (SOFC): some considerations on the energy efficiencies

10:10 to 10:30
Julian Behnken (Division Fuel Cells, NEXT ENERGY - EWE Research Centre for Energy Technology, Oldenburg, Germany), Alexander Dyck, Harun Tüysüz, Gunther Wittstock

Coulometric Titration of Active Sites at Metal Oxide Based Fuel Cell Catalysts by Surface Interrogation Mode of SECM

10:30 to 10:50 Coffee Break

s09 Capacitive Electrodes for Environmental Technology

Room : Yangtze 2

Chaired by: Ran Zhao

09:30 to 09:50
Dennis Cardoen (Separation and Conversion Technology Unit, VITO, Mol, Belgium), Senne De Peuter, Joost Helsen, Arne Verliefde

The Role of Electrode Binder Dispersion and Ion Conductive Spacers in Ion Depletion during Capacitive Deionization

09:50 to 10:10 INVITED
Jesús Palma (Multifunctional Nanocomposites Group, Institute IMDEA Energy, Getafe, Spain), Evgeny Senokos, Victor Reguero, Rebeca Marcilla

Progress towards structural energy management using CNT fibre capacitive electrodes

10:10 to 10:30
Maarten Biesheuvel (Wetsus, European Centre for Sustainable Water Technology, Leeuwarden, Netherlands), Jacopo Catalano

Theory of ion and water flow through charged nanotubes

10:30 to 10:50 Coffee Break

s10 Electroactive, Functionalized and Nanostructured Materials and Composites: Modern Trends in Synthesis and Applications

Room : Europe

Chaired by: Mikhael Levi

09:30 to 09:50 KEYNOTE

Stephen Maldonado (Chemistry, University of Michigan, Ann Arbor, USA)

Electrochemical Liquid Liquid Solid Growth of Nanostructured Crystalline Semiconductors

10:10 to 10:30

Laurent Bouffier (ISM, University of Bordeaux, Pessac, France), Gwendoline Tisserant, Julie Gillion, Jérémy Lannelongue, Zahra Fattah, Jérome Roche, Stéphane Reculusa, Dodzi Zigah, Alexander Kuhn

Fabrication of Chemical Gradients on Conducting Surfaces by Means of Bipolar Electrochemistry

10:30 to 10:50

Coffee Break

s16 Physical and Interfacial Electrochemistry: Progress in Spectroscopy, Imaging and Theoretical Analysis

Room : Kilimanjaro

Chaired by: Katharina Krischer

09:30 to 09:50

Bernhard Gollas (Institute for Chemistry and Technology of Materials, Graz University of Technology, Graz, Austria), Luciana Vieira, David Fuchs, Robert Schennach, Bernhard C. Bayer

Electrochemistry and Spectroelectrochemisry of Carbon Electrode/Deep Eutectic Solvent Interfaces

09:50 to 10:10

Julia Maibach (Departement of Chemsitry, Ångström Laboratory, Uppsala University, Uppsala, Sweden), Fredrik Lindgren, Håkan Rensmo, Hans Siegbahn, Kristina Edström, Maria Hahlin

How and Why Should We Look at the Buried Interface Between Lithium-Ion Battery Electrodes and the SEI?

10:10 to 10:30

Richard Nichols (Department of Chemistry, The University of Liverpool, Liverpool, United Kingdom), Henry Osorio, Pilar Cea, Josef Gluyas, Frantisek Hartl, Samantha Catarelli, Simon Higgins, Edmund Leary, Paul Low, Santiago Martín, Joanne Tory, Jens Ulstrup, Andrea Vezzoli, David Milan, Qiang Zeng, Walther Schwarzacher, Bing-Wei Mao, Jia-Wei Yan, Jan Jeppesen, Jess Lycoops, Nicola Kay, Wolfgang Haiss, Gita Sedghi

STM Studies in Ionic Liquids of Electrochemical Single Molecule Transistors and Molecular Wires

10:30 to 10:50

Coffee Break

s20 General Session

Room : Amazon

Chaired by: Marcin Opallo and Sotiris Sotiropoulos

09:30 to 10:10 KEYNOTE

Hubert Girault (LEPA, EPFL, Sion, Switzerland), Véronique Amstutz, Alberto Battistel, Alejandro N. Colli, Christopher Raymond Dennison, Pekka Peljo, Heron Vrubel

Redox electrocatalysis and indirect water electrolysis for charging electric vehicles

10:10 to 10:30

Eduardo Laborda (Physical Chemistry, University of Murcia, Murcia, Spain), José María Gómez-Gil, Francisco Martínez-Ortiz

Theoretical and Experimental Study of Multiple Chemical Equilibria Coupled to Multi-Electron Transfers by Voltammetric Techniques

10:30 to 10:50

Coffee Break

Thursday, 25 August 2016, Afternoon

s02 Nanostructured Materials in Electroanalytical Chemistry

Room : Mississippi

Chaired by: Priscilla Baker and Jingyuan Chen

14:00 to 14:20 INVITED
Frank Marken (Chemistry, University of Bath, Bath, United Kingdom)
Intrinsically Microporous Films and Membranes in Electrochemistry

14:20 to 14:40
Kristina Tschulik (Chemistry, Micro-/ Nano-Electrochemistry, Ruhr-University Bochum, Bochum, Germany)
Electrochemical Characterization of Bi-functional Core-Shell Nanomaterials using Ensemble and Single Nanoparticle Studies

14:40 to 15:00
Daniel Mandler (Institute of Chemistry, The Hebrew University of Jerusalem, Jerusalem, Israel), Noga Ratner
Electrochemical Detection of Low Concentrations of Mercury in Water Using Gold Nanoparticles

15:00 to 15:20
Hamid Reza Zafarani (Chemical Engineering, TUDelft, Delft, Netherlands)
Fabrication and application of new nanogap sensors

15:20 to 15:40
Magdalena Michalak (Department of Electrode Processes, Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw, Poland), Wojciech Nogala, Martin Jönsson-Niedziolka, Marcin Opallo
Electrocatalytic Processes on Metallic Nanostructures Obtained by Localized Electrorefining using SECM

15:40 to 16:00
Lisebo Phelane (Chemistry, University of the Western Cape, Cape Town, South Africa), Siyabulela Hamnca, Priscilla Baker, Emmanuel Iwuoha
Electrochemical Recognition of Norfloxacin at Molecularly Imprinted Graphene Oxide Nanocomposites

16:00 to 16:20
Dongping Zhan (College of Chemistry and Chemical Engineering, Xiamen University, Xiamen, China), Ding Yuan
Scanning Photoelectrochemical Microscopy: from Reaction Kinetics to Combinatorial Screening

16:20 to 16:40
Coffee Break

Chaired by: Qijin Chi and Bernhard Wolfrum

16:40 to 17:20 KEYNOTE
Tim Albrecht (Department of Chemistry, Imperial College London, London, United Kingdom), Raquel Fraccari, Tina Leontidou, Philippa Nuttall, Giorgio Ferrari, Marco Carminati, Pietro Ciccarella, Kidan Lee, Ki-Bum Kim
High-Bandwidth Electric Detection with Nanopores and Nanopipettes

17:20 to 17:40 INVITED
Heinz-Bernhard Kraatz (Physical and Environmental Sciences, University of Toronto Scarborough, Toronto, Canada)
Further Electrochemical Studies of Protein Kinase Catalyzed Phosphorylations

17:40 to 18:00 INVITED
Ja-an Annie Ho (Department of Biochemical Science and Technology, National Taiwan University, Taipei, Taiwan), Wan-Yun Liu, Yi-feng Chang, Ying Li, Li-chen Wu
Electrochemical Assay for the Human DNA Methyltransferase Activity

18:00 to 18:20
Cheryl Maria Karman (Laboratoire Chimie Physique Microbiologie pour Environnement, Université de Lorraine-CNRS, UMR 7564, Villers-les Nancy, France), Alain Walcarius, Neus Vila

Oriented and Nanostructured Ferrocene-Functionalized Silica-Based Thin Films for the Indirect Detection of Non-Electroactive Anions

18:20 to 18:40
Omotayo Arotiba (Department of Applied Chemistry, University of Johannesburg, Johannesburg, South Africa), Narshone Soda, Wendy Maxakato

A codeine aptasensor based on dendrimer-streptavidin supramolecular nano-architecture

s04 Electrochemical Approaches in Diseases and Human Health

Room : Oceania Foyer

Chaired by: Fethi Bedioui and Taek Dong Chung

14:00 to 14:40 KEYNOTE
José M. Pingarrón (Analytical Chemistry, Complutense University of Madrid, Madrid, Spain), Susana Campuzano, Rebeca M. Torrente-Rodríguez, Víctor Ruiz-Valdepeñas Montiel

Advanced Electrochemical Platforms for Single and Multiplexed Determination of Cancer Reporters

14:40 to 15:00
Stefania Rapino (Department of Chemistry Giacomo Ciamician, University of Bologna, Bologna, Italy), Luca Bartolini, Francesca Lugli, Marco Dallavalle, Alice Soldà, Vincenzo Palermo, Pier Giuseppe Pelicci, Francesco Paolucci, Cristiano Albonetti, Francesco Zerbetto

Living Cells meet Nanostructured and 2D Materials: a Reality Show filmed by Scanning ElectroChemical Microscopy

15:00 to 15:20
Damien Arrigan (Chemistry / Nanochemistry Research Institute, Curtin University, Perth, Australia), Eva Alvarez de Eulate, Rashida Akter, Shane O'Sullivan, Lucia Gutiérrez

Protein electrochemistry at aqueous-organogel interfaces – oligomer formation and biomarker detection

15:20 to 15:40
Martin Bartosík (RECAMO, Masaryk Memorial Cancer Institute, Brno, Czech Republic), Roman Hrstka, Helena Durikova, Borivoj Vojtesek

Electrochemistry of DNA for Molecular Oncology: Application to HPV Detection and DNA Methylation Studies

15:40 to 16:00
Elena E. Ferapontova (Interdisciplinary Nanoscience Center (iNANO), Aarhus University, Aarhus, Denmark), Isabel Alvarez-Martos

Specific Analysis of Dopamine in Whole Blood and Serum by Aptamer-Modified Electrodes

16:00 to 16:20
Ana Maria Oliveira-Brett (Department of Chemistry, University of Coimbra, Coimbra, Portugal)

Alzheimer's Disease Amyloid Beta Peptides in Vitro Oxidation and Time-Dependent Structural Modifications: AFM and Voltammetric Characterization

16:20 to 16:40
Coffee Break

Chaired by: Marilia Goulart and Lanqun Mao

16:40 to 17:20 KEYNOTE
Koji Sode (Department of Biotechnology and Life Science, Tokyo University of Agriculture & Technology, Koganei, Japan)
Development of the Next Generation Sensors for Self Monitoring of Blood Glucose and Continuous Glucose Monitoring Based on Direct Electron Transfer

17:20 to 17:40 INVITED
Stephane Arbault (ISM CNRS UMR5255, University of Bordeaux, Pessac, France), Venkata S.R. Vajrala, Fadhila Sekli Belaïdi, Gabriel Lemercier, Dodzi Zigah, Neso Sojic, Jerome Launay, Pierre Temple-Boyer
Microwell Array Integrating Ring Nanoelectrodes for The Monitoring of Metabolic Responses at Isolated Mitochondria

17:40 to 18:00 INVITED
Frédéric Lemaître (Chemistry, Ecole Normale Supérieure, Paris, France), Manon Guille-Collignon, Yun Li, Cong Lu, Anne Vessières, Gérard Jaouen, Catherine Sella, Laurent Thouin, Christian Amatore
Electrochemical Detection of Oxidative Stress – From the Single Platinized Ultramicroelectrode to Microsystems

18:00 to 18:20
Renata Bilewicz (Chemistry, University of Warsaw, Warsaw, Poland), Elzbieta Jablonowska, Ewa Nazaruk, Dorota Matyszewska
Lipidic Cubic Phase Carriers of Anticancer Drugs: Drug Release Profiles and Interactions with Phospholipid Membranes

18:20 to 18:40
Alice Soldà (Department of Chemistry G. Ciamician, University of Bologna, Bologna, Italy), Stefania Rapino, Francesco Paolucci
Electrochemical Study of Lactate in Cancer Research: from Single Living Cells to Tumor Tissues

s06 Novel Materials and Devices for Energy Storage: Batteries for Tomorrow's World

Room : Oceania

Chaired by: Toshiyuki Momma and Vanessa Wood

14:00 to 14:20 INVITED
Vanessa Wood (Information Technology and Electrical Engineering, ETH Zurich, Zurich, Switzerland)
X-Ray Microscopies for Lithium Ion Battery Research

14:20 to 14:40
Jens Glenneberg (Innovative Sensor and Functional Materials Research Group, University of Bremen, Bremen, Germany), Ingo Bardenhagen, Frederieke Langer, Robert Kun
Direct deposition of thin film lithium ion batteries on flexible substrates

14:40 to 15:00
François Ozanam (Laboratoire de Physique de la Matière Condensée, UMR 7643, Ecole Polytechnique, Palaiseau, France), Bon-Min Koo
In situ ATR-FTIR analysis of methylated amorphous silicon as negative electrode material for Li-ion batteries

15:00 to 15:20
Hui Zhang (Qian Xuesen Laboratory of Space Technology, China Academy of Space Technology (CAST), Beijing, China), Shimeng Hao, Ce Zhang, Wei Yao
Effect of Li_2O-B_2O_3 Glass on Ionic Transfer of $La_{2/3-x}Li_{3x}TiO_3$ Solid Electrolyte and Interfacial Properties of Electrolyte/Electrode

15:20 to 15:40

Arnulf Latz (Computational Electrochemistry, DLR and Helmholtz Institute Ulm, Ulm, Germany), Katharina Becker-Steinberger, Timo Danner, Stefanie Braun, Simon Schardt

Origin of Interfacial Resistances in All-Solid-State Batteries

15:40 to 16:20 KEYNOTE

Dominique Guyomard (ST2E, IMN, Nantes, France), Elise Deunf, Philippe Moreau, Eric Quarez, Franck Dolhem, Sofia Perticarari, Pablo Jimenez-Manero, Antonia Kotronia, Fabrice Odobel, Yann Pellegrin, Erold Blart, Joel Gaubicher, Philippe Poizot

New materials for rechargeable organic batteries

16:20 to 16:40

Coffee Break

16:40 to 17:00 INVITED

Toshiyuki Momma (Faculty of Science and Engineering, Waseda University, Shinjuku, Japan), Daikichi Mukoyama, Tokihiko Yokoshima, Hiroki Nara, Tetsuya Osaka

Non-destructive Diagnosis of LIB with Tracing Elemental Reactions by Electrochemical Impedance Spectroscopy

17:00 to 17:20 INVITED

Christian Masquelier (LRCS, Université de Picardie Jules Verne, Amiens, France), Laurence Croguennec, Mattéo Bianchini, Edouard Boivin, Jean-Marcel Ateba Mba, Thibault Broux, Fabien Lalère, Vincent Seznec, François Fauth, Hayan Chen, Olivier Mentré, Gwenaelle Rousse, Jean-Noel Chotard, Rénald David

New Insights in Advanced Vanadium-containing Phosphates as Electrode Materials for Li and Na-ion Batteries

17:20 to 17:40

Nika Mahne (Institute for Chemistry and Technology of Materials, Graz University of Technology, Graz, Austria), Sergey Borisov, Gernot A. Strohmeier, Bernhard Gollas, Stefan A. Freunberger

New Insights into Parasitic Reactions in Aprotic Alkaline-Air Batteries

17:40 to 18:00

Aliaksandr Bandarenka (Department of Physics, Technische Universitaet Muenchen, Garching bei Muenchen, Germany), Jeongsik Yun, Jonas Pfisterer

How Simple are the Models of Na-intercalation in Aqueous Media?

18:00 to 18:20

Andrew Hector (Chemistry, University of Southampton, Southampton, United Kingdom)

Metal Nitride Electrodes for Sodium Batteries

18:20 to 18:40

Lukas Schafzahl (Institute for Chemistry and Technology of Materials, Graz University of Technology, Graz, Austria)

Electrolytes and Interfaces in Emerging Battery Chemistries

s07 Novel Materials and Devices for Energy Conversion and Storage: Fuel Cells, Electrolysers, Regenerative Fuel Cells and Flow Batteries

Room : King Willem Alexander

Chaired by: Matthias Arenz

14:00 to 14:20
Iryna Zenyuk (Mechanical Engineering, Tufts University, Medford, USA), Andrew Shum, Kelsey B. Hatzell, Liam Connolly, Xianghui Xiao, Dilworth Y. Parkinson, Odne Burheim, Adam Weber

Understanding Phase-Change-Induced Flow in PEFCs Through In-situ X-ray Computed Tomography

14:20 to 14:40
Adam Weber (Energy Conversion Group, Lawrence Berkeley National Laboratory, Berkeley, USA), Anna Freiberg, Tobias Schuler, Franz Spingler, Michael Tucker

Determination and Origin of Local Resistances in PEFC Catalyst Layers

14:40 to 15:00
Yuya Yamashita (Interdisciplinary Graduate School of Medicine & Engineering, University of Yamanashi, Kofu, Japan), Shunsuke Itami, Taku Eguchi, Jun Takano, Katsuyoshi Kakinuma, Masanori Hara, Hiroyuki Uchida, Masahiro Watanabe, Akihiro Iiyama, Makoto Uchida

Investigation of Cathode Catalyst Degradation under Hydrogen Passivation Startup and Shutdown Process for PEFCs

15:00 to 15:20
Erik Kjeang (School of Mechatronic Systems Engineering, Simon Fraser University, Surrey, Canada), Yadvinder Singh, Francesco P. Orfino, Monica Dutta

New Insight into Membrane Failures in Fuel Cells

15:20 to 15:40
Julia Melke (Freiburger Materialforschungszentrum, Albert-Ludwigs-Universität Freiburg, Freiburg, Germany), Ditty Dixon, Helmut Ehrenberg, Christina Roth

Increase of the ORR Activity and Stability of Carbon Supported Pt Nanoparticles by Tetradecyltrimethylammoniumbromide: An In-situ XAS Study

15:40 to 16:20 KEYNOTE
Nigel Brandon (Sustainable Gas Institute, Imperial College, London, United Kingdom)

Electrodes by design – towards the design of electrodes for electrochemical devices for energy applications

16:20 to 16:40 Coffee Break

16:40 to 17:00 **HANS-JÜRGEN ENGELL PRIZE**
Marcel Risch (Institute of Materials Physics, University of Goettingen, Goettingen, Germany), Kelsey Stoerzinger, Tom Z. Regier, Derek Peak, Sayed Y. Sayed, Yang Shao-Horn

Electrocatalytic Redox Processes of Transition Metal Oxides in Aqueous Media probed by Operando X-Ray Absorption Spectroscopy

17:00 to 17:20
Gwénaëlle Kéranguéven (ICPEES, CNRS-UMR7515 - Université de Strasbourg, Strasbourg, France), Elena Savinova

Study of ORR activity and oxide reducibility relationship on perovskite-carbon ISAC nanocomposites in alkaline media. A proof of carbon-oxide interactivity?

17:20 to 17:40
Kelsey Stoerzinger (Materials Science and Engineering, Massachusetts Institute of Technology, Cambridge, USA), Wesley Hong, Livia Giordano, Yang Shao-Horn

Molecular Insight into Oxygen Electrocatalysis on Transition Metal Oxides

17:40 to 18:00
Edson A. Ticianelli (Departamento de Fisico Quimica, Instituto de Quimica de São Carlos - USP, São Carlos, Brazil), Ana M. Gomes-Marin, Jose L. Bott-Neto, Laudemir C. Varanda

Electrocatalysis of the Hydrogen Evolution/Oxidation and Oxygen Reduction Reactions by Molybdenum Carbide-Based Particles

18:00 to 18:20
Antoine Bonnefont (Institut de Chimie, CNRS-Université de Starsbourg, Strasbourg, France), Anna Ryabova, Galina Tsirlina, Elena Savinova

Kinetic Modeling of the Oxygen and Hydrogen Peroxide Reactions on Manganese Oxides

18:20 to 18:40
Justus Masa (Analytical Chemistry - Center for Electrochemical Sciences, Ruhr-University Bochum, Bochum, Germany), Ilya Sinev, Hemma Mistry, Beatriz Roldan Cuenya, Martin Muhler, Wolfgang Schuhmann

Electrocatalysis of water splitting using metal borides and boron-doped metal nanoparticles: Hydrogen and oxygen evolution

s07 Novel Materials and Devices for Energy Conversion and Storage: Fuel Cells, Electrolysers, Regenerative Fuel Cells and Flow Batteries

Room : Yangtze 1

Chaired by: Denis Kramer

14:00 to 14:20
James Weber (Department of Chemistry, University of Bath, Bath, United Kingdom), Andrew Wain, Heidi Piili, Anne Vuorema, Gary Attard, Frank Marken

Residual Porosity of 3D-LAM-Printed Stainless Steel Electrodes Allows Galvanic Exchange Platinisation for Fuel Cell Applications

14:20 to 14:40
Javier Monzó (School of Chemistry, University of Birmingham, Birmingham, United Kingdom), Dennis van der Vliet, Paramaconi Rodriguez

X-ray Fluorescence for Elucidating the Degradation Mechanisms of the PEMFC Catalyst Layer

14:40 to 15:00
Thi Bich Hue Tran (Physics Chemistry, European Membrane Institute - Montpellier University, Montpellier, France), Patrice Huguet, Stéfano Debate

Operando Study of the Actual Hydration of the PEMFC Membrane by Raman Confocal Spectroscopy: Effect of the Gas Flow-Field Design

15:00 to 15:20
Thomas Gaumont (LEMTA - Université de Lorraine - CEA Tech Lorraine, Vandoeuvre-lès-Nancy, France), Gael Maranzana, Olivier Lottin, Jérôme Dillet, Laure Guétaz, Joël Pauchet

Study of Self-humidification of a PEMFC Operated With Dry Air

15:20 to 15:40
Kaido Tammeveski (Institute of Chemistry, University of Tartu, Tartu, Estonia), Sander Ratso, Ivar Kruusenberg, Ave Sarapuu, Protima Rauwel, Rando Saar, Urmas Joost, Petri Kanninen, Tanja Kallio

Enhanced Oxygen Reduction Reaction Activity of Iron, Cobalt-Containing Nitrogen-Doped Carbon Nanotubes for DMFC Application

15:40 to 16:00
Wen-Feng Lin (Chemical Engineering, Loughborough University, Loughborough, United Kingdom), Ruirui Zhang, Xiao Lin, Ping Wang, Hancun Wang, Tian Sheng, Christopher Hardacre, P. Hu, Shi-Gang Sun

Low Cost High Performance Nanocatalysts for Direct Ethanol Fuel Cell Application: Catalyst Development and Reaction Mechanism Studied by in-situ FTIR Spectroscopy and DFT Atomistic Modeling

16:00 to 16:20
Nina Erini (Research Group: Catalysts and Electrocatalysts, Technical University Darmstadt, Darmstadt, Germany), Ulrike I. Kramm

Carbon supported IrSn alloys for the application as anode catalysts in fuel cells

16:20 to 16:40
Coffee Break

16:40 to 17:00
Olga Kasian (Department of Interface Chemistry and Surface Science, Max-Planck-Institut fur Eisenforschung GmbH, Dusseldorf, Germany), Serhiy Cherevko, Simon Geiger, George Polymeros, Alan Savan, Alfred Ludwig, Karl J.J. Mayrhofer

RuO_2-IrO_2 Mixed Oxide Anodes for Oxygen Evolution Reaction: the Challenge in Stability Improvement

17:00 to 17:20
Turgut Sönmez (Department of Chemistry, University of Southampton, Southampton, United Kingdom), Andrea Russell, Derek Pletcher

The Effect of Preparation Method on the ORR Activity of Spinel MnCo2O4 in Alkaline Electrolyte

17:20 to 17:40
Nathaniel Leonard (Chemistry, Technical University of Berlin, Berlin, Germany), Julian Steinberg, Fang Luo, Peter Strasser

Impact of Secondary Nitrogen Precursor on Non-Precious Metal Catalysts for Oxygen Reduction Reaction

17:40 to 18:00
Nick Daems (Centre for Surface Chemistry and Catalysis, K.U. Leuven, Heverlee, Belgium), Ivo Vankelecom, Paolo Pescarmona

Doped Ordered Mesoporous Carbons as Electrocatalysts for the Cogeneration of Electricity and Aniline

18:00 to 18:20
Enrico Pizzutilo (Interface Chemistry and Surface Engineering, Max-Planck-Institut für Eisenforschung GmbH, Duesseldorf, Germany), Simon Freakley, Simon Geiger, George Polymeros, Claudio Baldizzone, Graham J. Hutchings, Karl J.J. Mayrhofer

Gold-Palladium Catalyst Degradation and its Consequences for the H_2O_2 Selectivity

18:20 to 18:40
Valentina Perazzolo (Department of Chemical Science, University of Padova, Padova, Italy), Robin Astier-Perret, Christian Durante, Isotta Cerri, Armando Gennaro

Controlled size Pt-Nanoparticles on N- and S-Doped Mesoporous Carbon as Cathode Materials for PEMFCs

s10 Electroactive, Functionalized and Nanostructured Materials and Composites: Modern Trends in Synthesis and Applications

Room : Europe

Chaired by: Alessandro Boni and Arjan Hovestad

14:00 to 14:20
Tom Breugelmans (Faculty of Applied Engineering, University of Antwerp, Wilrijk, Belgium), Bart Geboes, Jon Ustarroz, Kadir Sentosun, Hans Vanrompay, Sara Bals, Annick Hubin

Electrochemical behavior of electrodeposited nanoporous Pt catalysts for the Oxygen Reduction Reaction

14:20 to 14:40
Chang Hyuck Choi (Department of Interface Chemistry and Surface Engineering, Max-Planck-Institute, Düsseldorf, Germany), Karl J.J. Mayrhofer

Tuning Selectivity of Electrochemical Reactions by Atomically Site-Isolated Platinum Catalyst

14:40 to 15:00
Christine Cachet-Vivier (Institut de Chimie et des Matériaux Paris-Est, Université Paris-Est Créteil - CNRS, Thiais, France), Peyman Mirzaei, Stéphane Bastide, Claudia Zlotea, Encarnacion Torralba Peñalver, Michel Laurent, Michel Latroche

Cu-Rh nanoparticles/carbon composites for electroreduction of nitrates

15:00 to 15:20

Corina Andronescu (Analytical Chemistry, Center for Electrochemical Sciences (Ruhr-Universität Bochum, Bochum, Germany), Stefan Barwe, Edgar Ventosa, Justus Masa, Bharathi Konkena, Eugeniu Vasile, Wolfgang Schuhmann

Synthesis of NiFe Layered Double Hydroxides and Carbon Nanocomposites with High Electrocatalytic Activity and Enhanced Stability for the Oxygen Evolution Reaction

15:20 to 15:40

Marcel Risch (Institute of Materials Physics, University of Göttingen, Göttingen, Germany)

From Amorphous to Epitaxial Oxides: Molecular Insight Into Oxygen Electrocatalysis

15:40 to 16:00

Paramaconi Rodriguez (School of Chemistry, University of Birmingham, Birmingham, United Kingdom), Javier Monzó, Adam Kolodziej, Mathew Kromer, Sara Morandi, Zachary Gossage, Alessandro Minguzzi, Sandra Rondinini, Joaquin Rodriguez Lopez

Photocatalytic Nanoparticles Obtained *via* the Cathodic Corrosion Method and Electrochemical Imaging of their Water Oxidation Reactivity

16:00 to 16:20

Iwona A. Rutkowska (Department of Chemistry, University of Warsaw, Warsaw, Poland), Anna Wadas, Pawel J. Kulesza

Electrocatalytic oxidations at noble metal nanoparticles supported onto structured films of highly acidic mixed metal (W, Zr) oxides

16:20 to 16:40

Coffee Break

Chaired by: Stanko Brankovic and Ulrike Langklotz

16:40 to 17:00

Arjan Hovestad (Solliance, TNO, Eindhoven, Netherlands), Younes Aouj, Joop van Deelen, Peter Bressers

Electrodeposition of Ni Grids on ZnO: Al as Highly Conductive Hybrid Front Contacts for Thin Film Solar Cells

17:00 to 17:20

El Amine Mernissi Cherigui (Materials and Chemistry (MACH), Vrije Universiteit Brussel (VUB), Brussels, Belgium), Pieter Bouckenooge, Kadir Sentosun, Hans Vanrompay, Sara Bals, Jon Ustarroz, Herman Terryn

Electrodeposition of Nickel Nanostructures from Deep Eutectic Solvents

17:20 to 17:40

Sandro Cattarin (IENI - Institute for Energetics and Interphases, CNR - National Research Council of Italy, Padua, Italy), Luca Mattarozzi, Nicola Comisso, Paolo Guerriero, Marco Musiani, Enrico Verlato

Porous Nanostructured Ag Electrodes for Sensitive Electrochemical Detection of Hydrogen Peroxide

17:40 to 18:00

Marco Musiani (IENI, CNR, Padova, Italy), Nicola Comisso, Sandro Cattarin, Paolo Guerriero, Luca Mattarozzi, Enrico Verlato

Electrochemical Behaviour of Porous PbO_2 Layers Prepared by Oxygen Bubble Templated Anodic Deposition

18:00 to 18:20

Ulrike Langklotz (Institute of Material Science, TU Dresden, Dresden, Germany), Mathias Weiser, Tobias Lein, Andreas Krause, Alexander Michaelis

Silicon-Nanowire anodes for lithium batteries synthesized from galvanic gold nanoparticles

18:20 to 18:40

Shokoufeh Rastgar (Institute of Chemistry, Carl von Ossietzky University of Oldenburg, Oldenburg, Germany), Gunther Wittstock

Novel Insight to In-situ Sensing of Visible-Light-Driven Water Oxidation Intermediates at Polarized Liquid-Liquid Interfaces

s10 Electroactive, Functionalized and Nanostructured Materials and Composites: Modern Trends in Synthesis and Applications

Room : Kilimanjaro

Chaired by: Susana Cordoba de Torresi and Annette Delices

14:00 to 14:20 INVITED
Robert Hillman (Chemistry, University of Leicester, Leicester, United Kingdom), Asuman Unal, Abdulcabbar Yavuz, Karl S. Ryder
Electrochemical Defluoridation of Water Using Electroactive Copolymer Films Based on Polyaniline and Derivatives

14:20 to 14:40
Christopher Brett (Department of Chemistry, University of Coimbra, Coimbra, Portugal), Krishna Prathish, Madalina Barsan
Deep eutectic solvents as a strategy for preparation of electroactive polymer-modified electrodes

14:40 to 15:00
Mikhail Vorotyntsev (Department of Technology of Polymer Composite Paint, D.I. Mendeleev University of Chemical Technology of Russia, Moscow, Russia), Dmitry Konev, Olga Istakova
Synthesis of Cobalt (II) Polyporphine Films by Electrochemical Method

15:00 to 15:20
Laurent Ruhlmann (Chemistry, University of Strasbourg, Strasbourg, France), Jean-Daniel Compain, Zhaohui Huo, Iban Azcarate, Emmanuel Lacôte, Bernold Hassenknopf, Christophe Bucher
Design of New Porphyrin-Polyoxometalate Electropolymers for the Photoelectrochemical Energy Conversion

15:20 to 15:40
György Inzelt (Physical Chemistry, Eötvös Loránd University, Budapest, Hungary)
Electronanogravimetric Studies of Poly(copper phthalocyanine)

15:40 to 16:00
Mark Burgess (Chemistry, University of Illinois at Urbana-Champaign, Urbana, USA), Kenneth Hernandez-Burgos, Etienne Chenard, Burton Simpson, Kevin J. Cheng, Jeffrey S. Moore
Elucidating the Reactivity and Solution Dynamics of Redox Active Polymers

16:00 to 16:20
Alexander Nekrasov (Russian Academy of Sciences, A.N. Frumkin Institute of Physical Chemistry and Electrochem, Moscow, Russia), Olga Iakobson, Varvara Cabanova, Vladimir Tverskoy, Anatoly Vannikov, Oxana Gribkova
The Role of Polyelectrolyte Structure in 3,4-ethylenedioxythiophene Electropolymerization

16:20 to 16:40 Coffee Break

Chaired by: Mark Burgess and Robert Hillman

16:40 to 17:00
Susana Cordoba de Torresi (Instituto de Quimica, Universidade de São Paulo, São Paulo, Brazil), Jadielson L. Antonio, Tom Lindfors
Electro-controlled swelling and water uptake of a 3-D conducting polypyrrole hydrogel

17:00 to 17:20
Gabriel Kopiec (Analytical Chemistry - Center for Electrochemical Sciences, Ruhr-University Bochum, Bochum, Germany), Stefanie Stapf, Nicolas Plumeré
Tuning the Solvation State of Redox Hydrogels for Adjusting the Redox Potential toward Reversible Catalysis

17:20 to 17:40
Martin Sjödin (Dept. of Engineering Sciences, Uppsala University, Uppsala, Sweden), Hao Huang, Rikard Emanuelsson, Mia Sterby, Xiao Huang, Li Yang, Christoffer Karlsson, Adolf Gogoll, Maria Strømme
Conducting Redox Polymers for Secondary Batteries

17:40 to 18:00
Annette Delices (Chemistry ITODYS Laboratory, Université Paris Diderot Sorbonne Paris Cité, Paris, France), Christian Perruchot, Chang-Zhi Dong, Anders Hagfeldt, Jinbao Zhang, Nick Vlachopoulos, Mohamed Jouini

Charge Transfer Optimization at the Interface of Covalently Linked Dye/HTM in Solid-State Dye Sensitized Solar Cells

18:00 to 18:20
Fetah I. Podvorica (ITODYS, Universite Paris-Diderot, Paris, France), Dardan Hetemi, Catherine Combellas, Frederic Kanoufi, Jean Pinson

Grafting of thin alkyl films on carbon, metal and polymer surfaces *via* a radical crossover reaction

18:20 to 18:40
Alison Downard (Department of Chemistry, University of Canterbury, Christchurch, New Zealand), Lita Lee, Deborah Crittenden, Nathaniel Gunby

Covalently bound mixed monolayers on carbon: experiment and computation

s12 EC Power Sources: Principles of Materials, Design and Operation

Room : Everest

Chaired by: Erik Kjeang

14:00 to 14:40 KEYNOTE
Shanna Knights (Research, Ballard Power Systems, Burnaby, Canada)

Fuel Cell Commercialization: Progress and Technology Directions

14:40 to 15:20 KEYNOTE
Takuya Hasegawa (Nissan Research Center, Nissan Motor Co., Ltd., Yokosuka, Japan), Takuma Suzuki, Yoda Kazuyuki, Balaji Kalyanarangan

D Parts Revolution - How Electrochemical Power Generation Devices Can Be Less Costly by Fully Employing Roll-to-Roll Process

15:20 to 15:40
Akos Kriston (Institute for Energy and Transport, European Commission DG JRC, Petten, Netherlands), Vanesa Ruiz, Theodora Kosmidou, Jürgen Ungeheuer, Harry Döring, Benjamin Fritsch, Andreas Pfrang, Lois Boon-Brett

Evaluation of External Short Circuit Performance of Li-ion Batteries for the Global Technical Regulation of Electric Vehicle Safety

15:40 to 16:00
Yuri Merla (Mechanical Engineering, Imperial College London, London, United Kingdom), Ian Hunt, Yan Zhao, Marie-Therese von Srbik, Monica Marinescu, Vladimir Yufit, Billy Wu, Ricardo Martinez-Botas, Nigel Brandon, Gregory Offer

Detecting, diagnosing and controlling degradation in lithium ion battery pack

16:00 to 16:20
Karine Gerardin (Syspol, LRGP - Univ. Lorraine - CNRS, Nancy, France), Stéphane Raël, Caroline Bonnet, Jonas Kerwald, François Lapicque

Direct hybridization of PEMFC by supercapacitors for higher durability and more efficient use of hydrogen

16:20 to 16:40
Coffee Break

16:40 to 17:00
Neus Sabate (Micro and Nanosystems, Barcelona Microelectronics Institute (IMB-CNM-CSIC), Bellaterra-Barcelona, Spain)

Paper-Based Fuel Cells and Batteries as Sustainable Power Sources for a New Generation of Disposable Analytical Devices

17:00 to 17:20
Marc-Antoni Goulet (School of Mechatronic Systems Engineering, Simon Fraser University, Surrey, Canada), Erik Kjeang

Compact Electrochemical Flow Cell with Record Power Density

17:20 to 17:40
Christoph Grimmer (Institute of Chemical Engineering and Environmental Technology, Graz University of Technology, Graz, Austria), Robert Zacharias, Maximilian Grandi, Viktor Hacker

A Direct Borohydride Fuel Cell Without Hydrogen Release Side Reaction

17:40 to 18:00
Leonard Raymakers (Engineering, HyET, Arnhem, Netherlands), Sander Grootjes, Harm Vlap, Peter Bouwman

Project PurifHy – Selective Electrochemical Extraction of Hydrogen

18:00 to 18:20
Jochen Zausch (Flow and Material Simulation, Fraunhofer-Institute for Industrial Mathematics, Kaiserslautern, Germany), Torben Prill, Arnulf Latz

Modeling of lithium ion batteries on micro and cell scale with emphasis on thermal and mechanical coupling

18:20 to 18:40
Niek de Klerk (FAME, TU Delft, Delft, Netherlands), Alexandros Vasileiadis, Raymond B. Smith, Martin Z. Bazant, Marnix Wagemaker

Explaining Key Properties of Lithiating TiO_2-Anatase: A Phase Field Model for Materials with Multiple Phases

s18 Electrochemistry, Photoelectrochemistry and Bioelectrochemistry of Artificial Photosynthesis: Recent Advances in CO_2 Conversion to Products

Room : Yangtze 2

Chaired by: Fred Lisdat and Deepak Pant

14:00 to 14:40 KEYNOTE
Klaas Jan Schouten (New Chemistries, Avantium, Amsterdam, Netherlands), Jan Kees van der Waal, Gert-Jan Gruter

Electrochemistry in a Bio Refinery

14:40 to 15:00
Vincent Fourmond (Laboratoire de Bioénergétique et Ingénierie des Protéines, Aix-Marseille Université/ CNRS, Marseille, France), Meriem Merrouch, Jessica Hadj-Saïd, Lilith Domnik, Gabriel Kopiec, Stefanie Stapf, Nicolas Plumeré, Adrian Ruff, Wolfgang Schuhmann, Sébastien Dementin, Christophe Léger

Aerobic biological reduction of CO_2

15:00 to 15:20
Suman Bajracharya (Separation and Conversion Technology Unit, VITO, Flemish Institute for Technological Research, Mol, Belgium), Karolien Vanbroekhoven, Cees Buisman, Deepak Pant, David Strik

Bioelectrochemical CO_2 Reduction integrated with Product Separation: a Prospect for Future Application

15:20 to 15:40
Fred Lisdat (Biosystems Technology, Institute of Applied Life Sciences, Technical University Wildau, Wildau, Germany), Sven C. Feifel, Kai Stieger

Photobioelectrodes based on the combination of photosystem I with graphene layers

15:40 to 16:00
Lo Gorton (Dept. of Analytical Chemistry, Biochemistry and Structural Biology, Lund University, Lund, Sweden), Kamrul Hasan, Galina Pankratova, Eva Sperling, Donal Leech, Peter O'Conghaile, Michael A. Packer

Electrochemical Communication between Photosynthetic Membranes/Cells and Electrodes for Harvesting Solar Energy

16:00 to 16:20
Pawel J. Kulesza (Department of Chemistry, University of Warsaw, Warsaw, Poland)

Structure, function and reactivity of hybrid materials for electrocatalytic, bioelectrocatalytic and photoelectrochemical reduction of carbon dioxide

16:20 to 16:40 Coffee Break

Chaired by: Lo Gorton and Pawel J. Kulesza

16:40 to 17:00
Ana Sofia Varela (Department of Chemistry, Technical University Berlin, Berlin, Germany), Wen Ju, Xingly Wang, Timmey Moeller, Hemma Mistry, Beatriz Roldan, Peter Strasser
Low Cost Material as Selective Catalyst for CO_2 Electro-reduction

17:00 to 17:20
Jonas Hereijgers (Advanced Reactor Technology, University of Antwerp, Antwerp, Belgium), Robbe Vervecken, Danny Pauwels, Vera Meynen, Tom Breugelmans
On the Geometrical Features of the Electrolyzer for CO_2 Reduction

17:20 to 17:40
Akira Yamaguchi (Center for Sustainable Resource Science, RIKEN, Wako, Japan), Hirotaka Kakizaki, Shogo Mori, Kazuhito Hashimoto, Ryuhei Nakamura
Development of MnO_2-based water oxidation catalysts focusing on the redox properties of Mn

17:40 to 18:00
Dan Ren (Chemistry, National University of Singapore, Singapore, Singapore), Boon Siang Yeo
Efficient and Stable Electrochemical Reduction of Carbon Dioxide to n-Propanol on Agglomerated Cu Nanocrystals

18:00 to 18:20
Aaron Marshall (Department of Chemical and Process Engineering, University of Canterbury, Christchurch, New Zealand), Calvin Lim, David Harrington
Electrochemical reduction of carbon dioxide on copper cathodes

18:20 to 18:40
Sébastien Garbarino (INRS, Varennes, Canada), Claudie Roy, Daniel Guay
Dynamic Hydrogen Bubble Templating of Cu electrodes: Enhanced CO Reduction Electrocatalysts

s20 General Session

Room : Amazon

Chaired by: Corinne Lagrost; Roberto M. Torresi

14:00 to 14:20 INVITED
Christophe Coutanceau (IC2MP, University of Poitiers, Poitiers, France), Florent Boissou, Pamela Michaud, Stève Baranton, Karine Vigier
Electrochemistry in deep eutectic solvents

14:20 to 14:40
Andrew Ballantyne (Department of Chemistry, University of Leicester, Leicester, United Kingdom), Gregory Forrest, Gero Frisch, Jennifer Hartley, Karl S. Ryder, Alex Goddard
Immersion Coatings of Au and Pd from Deep Eutectic Solvents: Influence of Speciation on Galvanic Processes

14:40 to 15:00
Diogo Cabral (School of Chemistry, Monash University, Clayton, Australia), Douglas MacFarlane
Electrochemistry of tris(2,2`-bipyridine) complexes of cobalt (II), nickel (II) and iron (II) in ionic liquids and aprotic solvents

15:00 to 15:20 INVITED
Corinne Lagrost (Institut des Sciences Chimiques de Rennes, CNRS, University of Rennes 1, Rennes, France), Soizic Chevance, Vincent Claireaux, Johanna Loosveldt, Olivier Delalande
Direct Electrochemistry of Redox Hemoproteins in a Water-Imidazolium-based Ionic Liquids Mixture. A "Tin Opener" Effect

15:20 to 15:40

Veronika Zinovyeva (Chemistry Department / IPN Orsay, University of Paris-Sud, Orsay, France), Servando López-León, Céline Cannes, Claire Le Naour, Jacques de Sanoit, Céline Gesset, François Brisset

Nanostructured Lanthanum Thin Films: Electrochemical Preparation in Ionic Liquid Medium

15:40 to 16:00

Liang Liu (LCPME, UMR 7564, CNRS-Université de Lorraine, Villers-lès-Nancy, France), Shai Yellinek, Ido Valdinger, Daniel Mandler

Electrochemical Reduction of Indium Tin Oxide (ITO): Inhibition and Application

16:00 to 16:20

Marcin Opallo (Department of Electrode Processes, Institute of Physical Chemistry PAS, Warszawa, Poland), Justyna Jedraszko, Wojciech Nogala, Wojciech Adamiak, Olga Krysiak, Saustin Dongmo, Gunther Wittstock, Hubert Girault

(Electro)catalytic H_2O_2 and H_2 Generation at Organic Liquid|Water Interface: Solvent and Electrolyte Effect, SECM Detection

16:20 to 16:40

Coffee Break

16:40 to 17:20 KEYNOTE

Sotiris Sotiropoulos (Chemistry, Aristotle University of Thessaloniki, Thessaloniki, Greece)

Galvanic replacement processes in electrocatalysis and metal ion removal applications

17:20 to 17:40

Na Tian (Chemistry Department, Xiamen University, Xiamen, China), Yan-Fen Lin, Tian Sheng, Zhi-You Zhou, Shi-Gang Sun

Depositing Pt on Pd Tetrahexahedral Nanoparticles and Their Enhanced Catalytic Activity for Ethanol Electrooxidation

17:40 to 18:00

Simone Pokrant (Materials for Energy Conversion, Empa, Dübendorf, Switzerland), Jingshan Luo, Steve Landsmann, Stefan Dilger, Michael Graetzel, Anke Weidenkaff

Solar watersplitting *via* an artificial leaf: Photoanode/photocathode tandem device in stacked configuration

18:00 to 18:20 INVITED

Ernesto C. Pereira (Chemistry, Federal University of Sao Carlos, Sao Carlos, Brazil), Fernando C. Moraes, Roger Gonçalves

Investigation of graphene properties and its use as electrode material

18:20 to 18:40 INVITED

Barbara Palys (Department of Chemistry, Warsaw University, Warsaw, Poland), Anna Jablonska, Agnieszka Swietlikowska, Piotr Olejnik, Sylwia Berbec

Electrocatalytic Activity of Horseradish Peroxidase on Polyaniline Nanotubes and Hydrogels with and without Graphene Oxide

Friday, 26 August 2016

ROOMS:	Mississippi	Yangtze 1	Oceania	King Willem Alexander	Oceania Foyer	Europe	Amazon	Everest	Kilimanjaro	Yangtze 2
SYMPOSIUM	**Symposium 2**	**Symposium 7**	**Symposium 6**	**Symposium 7**	**Symposium 6**	**Symposium 10**	**Symposium 20**	**Symposium 13**	**Symposium 10**	**Symposium 18**
08:15 - 09:15	**Plenary Lecture**: Yuri Pleskov (**King Willem Alexander**)									
09:30 - 09:50	Rabah Boukherroub	Véronique Amstutz	Samuel Fitch	Minoru Inaba	C-Hsien Chuang	Patrik Schmuki	Ramona Gutkowski	Sigrid Benfer	Olle Inganas	Teresa Andreu
09:50 - 10:10	Xing-Hua Xia	K. Nagasawa	Xi Jiang		Ce Zhang	Grzegorz Sulka	Peter Knittel	Christian Dieleman		
10:10 - 10:30	James Rohan	Takuto Kushi	Yuhui Chen	Frédéric Maillard	Bettina Grumm	Alessandro Boni	Nejc Hodni	Kang Shi	Stanko Brankovic	Carles Ros
10:30 - 10:50	Coffee Break									
10:50 - 11:10	Vladimir M. Mirsky	E. G.ar-Quismondo	Monica Marinescu	Hiroyuki Uchida	Philip Reinsberg	Magda. Skompska	Kristel Jukk	Wan-Zhen Hsieh	Salvatore Piazza	J-Daniel Compain
11:10 - 11:30	Paolo Bertoncello	Pekka Peljo	Frederieke Langer	Ernesto Gonzalez	J-P Pereira-Ramos	Balazs Endrodi	E. Kibena-Poldsepp	Thomas Hersbach	A. Vaskevich	Min-Kyu Son
11:30 - 11:50	Angelika Holzinger	Aurore Lê	Irene Ruggeri	Matija Gatalo	Ana Lopez-Cudero	Neus Vila	S. A. Bin Shafiee	S.-Zhu Kure-Chu	Masa-aki Haga	Youngkook Kwon
11:50 - 12:10	Minkyung Kang	J. Vazquez-Galvan	Yuki Orikasa	Simon A. Tschupp	Tina Nestler	Minwei Zhang	Kangwoo Cho	Joerg Posdorfer	Giovanni Valenti	Fengwang Li
12:15 - 12:30	Closing Ceremony (**King Willem Alexander**)									

Friday, 26 August 2016, Morning

Plenary Lecture

Room : King Willem Alexander

Chaired by: Zhong-Qun Tian

08:15 to 09:15 **FRUMKIN MEMORIAL MEDAL**

Yuri Pleskov (Physical Electrochemistry Lab., Frumkin Institute of Physical Chemistry and Electrochemistry, Moscow, Russia)

Alexander Frumkin and the Electrochemistry of Diamond in My Life

s02 Nanostructured Materials in Electroanalytical Chemistry

Room : Mississippi

Chaired by: Karolien De Wael, Kosuke Ino and Kristina Tschulik

09:30 to 09:50 INVITED

Rabah Boukherroub (Institute of Electronics, Microelectronics & Nanotechnology, CNRS & Lille1 University, Villeneuve d'Ascq, France), Florina Teodorescu, Hakim Belkhalfa, Gurvan Quéniat, Amar Abderrahmani, Sabine Szunerits

Nanocomposites of graphene for electrochemical sensing and controlled release of biomolecules

09:50 to 10:10

Xing-Hua Xia (School of Chemistry and Chemical Engineering, Nanjing University, Nanjing, China), Chen Wang, Yi Shi

Plasmonics accelerated electrocatalysis for detection of electroactive biomolecules

10:10 to 10:30

James Rohan (Electrochemical Materials and Energy Group, Tyndall National Institute, Cork, Ireland), Lorraine Nagle, Ronan MacLoughlin, Ian Seymour

Fabrication and Optimisation of Nanoporous Gold at Microdisc Electrode Arrays for Electrochemical Sensing Applications

10:30 to 10:50

Coffee Break

10:50 to 11:10 INVITED

Vladimir M. Mirsky (Institute of Biotechnology, Department of Nanobiotechnology, BTU Cottbus-Senftenberg, Senftenberg, Germany), Shavkat Nizamov, Olga Kasian

Plasmonic detection of electrochemical conversion of single nanoparticles

11:10 to 11:30

Paolo Bertoncello (College of Engineering, Swansea University, Swansea, United Kingdom), Thomas Ross, Sandra Aldave Hernandez, Robert Kaspar, Michael Letterio, Yushan Yan

Anionic-Exchange Ionomer-Chemically Modified Electrodes for Electroanalytical Applications

11:30 to 11:50

Angelika Holzinger (Institute of Analytical and Bioanalytical Chemistry, Ulm University, Ulm, Germany), Peter Knittel, Yang Liu, Damien Arrigan, Christine Kranz

Investigations of Nanopore Arrays for Liquid/Liquid Interfaces by Scanning Probe Techniques

11:50 to 12:10

Minkyung Kang (Department of Chemistry, The University of Warwick, Coventry, United Kingdom), David Perry, Dmitry Momotenko, Ashley Page, Patrick Unwin

Scanning electrochemical probe microscopy of single nanoparticle electrochemistry

s06 Novel Materials and Devices for Energy Storage: Batteries for Tomorrow's World

Room : Oceania

Chaired by: Daniel Buchholz and Monica Marinescu

09:30 to 09:50

Samuel Fitch (Chemistry, University of Southampton , Southampton , United Kingdom), Xianji Li, Andrew Hector, John Owen, Imran Shah

Evaluation of tin (IV) nitride as a negative electrode material for Li-ion and Na-ion batteries.

09:50 to 10:10

Xi Jiang (Department of Chemical & Biomolecular Engineering, National University of Singapore, Singapore, Singapore), Liuqing Yang, Bo Ding, Baihua Qu, Jim Yang Lee

Synthesis of Durable Carbon-scaffolded $Na_3V_2(PO_4)_3$ Nanofiber Cathode for Sodium-ion Batteries

10:10 to 10:30

Yuhui Chen (Department of Materials, University of Oxford, Oxford, United Kingdom), Lee Johnson, Xiangwen Gao, Stefan A. Freunberger

Promoting solution phase discharge in Li-O_2 batteries

10:30 to 10:50

Coffee Break

10:50 to 11:10

Monica Marinescu (Department of Mechanical Engineering, Imperial College London, London, United Kingdom), Teng Zhang, Sylwia Walus, Laura O'Neill, Mark Wild, Gregory Offer

Improving performance of Li-S cells under cycling, a model-informed approach

11:10 to 11:30

Frederieke Langer (Innovative Senor and Functional Materials Research Group, University of Bremen, Bremen, Germany), Ingo Bardenhagen, Jens Gelnneberg, Robert Kun

Investigation of lithium ion transport processes in a polymer-$Li_7La_3Zr_2O_{12}$ hybrid electrolyte

11:30 to 11:50

Irene Ruggeri (Department of Chemistry Giacomo Ciamician, Alma Mater Studiorum University of Bologna, Bologna, Italy), Catia Arbizzani, Francesca Soavi

A Semi-Solid Catholyte for next generation Lithium/Air (O_2) Battery

11:50 to 12:10

Yuki Orikasa (Graduate School of Human and Environmental Studies, Kyoto University, Kyoto, Japan), Yukinori Koyama, Takahiro Yoshinari, Takuya Mori, Kentaro Yamamoto, Koji Ohara, Katsutoshi Fukuda, Hajime Arai, Yoshiharu Uchimoto

Nonequilibrium Phase Transition Mechanism between $LiFePO_4$ and $FePO_4$ during Battery Operation at Various Temperatures

s06 Novel Materials and Devices for Energy Storage: Batteries for Tomorrows World

Room : Oceania Foyer

Chaired by: Eric Kelder and Tina Nestler

09:30 to 09:50

Chung-Hsien Chuang (Department of Chemical Engineering, National Taiwan University, Taipei, Taiwan), Nae-Lih Wu

Particle Size Effect on High Potential Performance of Li-Excess Nickel Manganese Oxide Cathode Material for Lithium-ion Batteries

09:50 to 10:10

Ce Zhang (Qian Xuesen Laboratory of Space Technology, China Academy of Space Technology (CAST), Beijing, China), Fangming Cui, Yunchuan Qi, Guang Zhang, Hui Zhang, Wei Yao

Novel Aluminum-Contained Anatase Titanium Dioxide Nanoparticles as the Anode for Aluminum Ion Batteries

10:10 to 10:30

Bettina Grumm (Institute for Chemistry and Technology of Materials, Graz University of Technology, Graz, Austria), Christian Slugovc, Stefan A. Freunberger

Hierarchically porous titanium ceramics for reversible high capacity aprotic Li-O2 batteries

10:30 to 10:50

Coffee Break

10:50 to 11:10

Philip Reinsberg (Institute of Physical Chemistry, University of Bonn, Bonn, Germany), Christoph Bondue, Helmut Baltruschat

Mechanistic investigation of the oxygen reduction in magnesium ion-containing dimethylsulfoxide

11:10 to 11:30

Jean-Pierre Pereira-Ramos (Institut de Chimie et des Matériaux Paris Est, CNRS, Thiais, France), Marianne Safrany-Renard, Diane Muller-Bouvet, Rita Baddour-Hadjean

The γ'-V_2O_5 phase: a new high voltage cathode material for sodium-ion batteries

11:30 to 11:50

Ana López-Cudero (Parque Cientifico de Madrid, Madrid, Spain), Mikel Pino, Francisco José Pérez-Alonso, Paloma Rodríguez, Joaquín Chacón

Carbon-Modified Anodes for Al-air Batteries with Improved Performance

11:50 to 12:10

Tina Nestler (Institute of Experimental Physics, TU Bergakademie Freiberg, Freiberg, Germany), Falk Meutzner, Artem Kabanov, Matthias Zschornak, Fedotov Stanislav, Tilmann Leisegang, Vladislav A. Blatov, Dirk C. Meyer

Are there solid electrolytes for rechargeable aluminum batteries?

s07 Novel Materials and Devices for Energy Conversion and Storage: Fuel Cells, Electrolysers, Regenerative Fuel Cells and Flow Batteries

Room : King Willem Alexander

Chaired by: Matthias Arenz

09:30 to 10:10 KEYNOTE

Minoru Inaba (Department of Molecular Chemistry and Biochemistry, Doshisha University, Kyotanabe, Japan), Hideo Daimon

Electrochemical and Chemical Activation of Pt/Pd/C Core-Shell Catalyst

10:10 to 10:30

Frédéric Maillard (LEPMI, CNRS, Saint Martin d'Hères, France), Raphael Chattot, Tristan Asset, Pierre Bordet, Jakub Drnec, Laetitia Dubau

Atomic Scale Imaging of the Growth Mechanism of Hollow PtNi/C Nanocatalysts for Oxygen Reduction Reaction

10:30 to 10:50

Coffee Break

10:50 to 11:10 INVITED

Hiroyuki Uchida (Clean Energy Research Center, University of Yamanashi, Kofu, Japan), Hiroshi Yano, Satoshi Ogawa, Morio Chiwata, Masahiro Watanabe, Akihiro Iiyama

Oxygen Reduction Reaction Activity and Durability of Carbon-Supported Pt Alloys with Stabilized Pt-Skin layers

11:10 to 11:30

Ernesto Gonzalez (Department of Physical Chemistry, Instituto de Quimica de Sao Carlos-USP, Sao Carlos, Brazil), Loriz Sallum, Nyccolas Sousa, Gabriel Silva, Thairo Rocha

Durability of a Platinum-Niobium Electrocatalyst for the Oxygen Reduction Reaction

11:30 to 11:50

Matija Gatalo (Laboratory of Materials Chemistry, National Institute of Chemistry, Ljubljana, Slovenia), Primoz Jovanovic, George Polymeros, Jan-Philipp Grote, Francisco Ruiz-Zepeda, Nejc Hodnik, Goran Drazic, Marjan Bele, Karl J.J. Mayrhofer, Miran Gaberscek

Increasing the Stability of $PtCu_3$/C Electrocatalyst by Surface Gold Doping and CO Annealing

11:50 to 12:10

Simon A. Tschupp (Electrochemistry Laboratory, Paul Scherrer Institut, Villigen PSI, Switzerland), Waiz Karim, Yasin Ekinci, Juan Herranz, Thomas Justus Schmidt

Model Pt catalysts with controllable particle size and interparticle distance prepared by top-down nanofabrication

s07 Novel Materials and Devices for Energy Conversion and Storage: Fuel Cells, Electrolysers, Regenerative Fuel Cells and Flow Batteries

Room : Yangtze 1

Chaired by: Aleksandar Zeradjanin

09:30 to 09:50

Véronique Amstutz (Laboratoire d'Electrochimie Physique et Analytique (LEPA), Ecole Polytechnique Fédérale de Lausanne (EPFL), Sion, Switzerland), Heron Vrubel, Alberto Battistel, Christopher Raymond Dennison, Pekka Peljo, Hubert Girault

Concept of Indirect Water Electrolysis: principle and applications

09:50 to 10:10

Kensaku Nagasawa (Green Hydrogen Research Center, Yokohama National University, Yokohama, Japan), Yuki Sawaguchi, Naoto Morita, Yuji Kohno, Koichi Matsuzawa, Akihiro Kato, Yoshinori Nishiki, Shigenori Mitsushima

Development of Bi-polar Electrolyzer for Toluene Hydrogenation

10:10 to 10:30

Takuto Kushi (Energy System Research Institute, Tokyo Gas Co., Ltd., Tokyo, Japan)

Effects of Impurity Poisoning on Degradation Phenomena in Solid Oxide Electrolysis Cells after 5000 h

10:30 to 10:50

Coffee Break

10:50 to 11:10

Enrique García-Quismondo (Electrochemical Processes Unit, Madrid, Spain), Ignacio Almonacid, Veselin Miroslavov, Jesús Palma, Marc Anderson, Enrique Serrano, Angel Hernandez, Beatriz Oraá

Operational Experience of 5 kW All-Vanadium Flow Battery in Photovoltaic Grid Applications

11:10 to 11:30

Pekka Peljo (Laboratoire d'Electrochimie Physique et Analytique, Ecole Polytechnique Fédérale de Lausanne, Sion, Switzerland), Sunny Maye, Véronique Amstutz

Heat-to-Power Conversion and Storage with Copper Redox Flow Batteries

11:30 to 11:50

Aurore Lê (Institut des Sciences Chimiques de Rennes, Equipe MaCSE, University of Rennes 1, Rennes, France), Didier Floner, Thierry Roisnel, Olivier Cador, Léa Chancelier, Florence Geneste

Iron (III)-triethanolamine complex electrolyte for redox flow batteries

11:50 to 12:10

Javier Vázquez-Galván (Energy Storage and Harvesting / Material Science Department, Energy Catalonia Institute for Energy Research (IREC), Barcelona, Spain), Cristina Flox, Joan Ramon Morante

Hydrogen-treated rutile-TiO_2 shell in graphite core structure as a negative electrode for high-performance vanadium flow batteries

s10 Electroactive, Functionalized and Nanostructured Materials and Composites: Modern Trends in Synthesis and Applications

Room : Europe

Chaired by: Sébastien Moitzheim and Vereecken Philippe

09:30 to 09:50 INVITED

Patrik Schmuki (Materials Science, University of Erlangen-Nuremberg, Erlangen, Germany)

A new perspective for photoelectrochemical water splitting: Black TiO_2 nanotubes

09:50 to 10:10

Grzegorz Sulka (Department of Physical Chemistry & Electrochemistry, Jagiellonian University in Krakow, Krakow, Poland), Leszek Zaraska, Joanna Kapusta-Kolodziej, Agnieszka Brzózka, Magdalena Jarosz, Elzbieta Kurowska-Tabor, Ewa Wierzbicka, Anna Brudzisz, Karolina Syrek, Anna Pawlik, Karolina Gawlak

Anodic Formation and Applications of Nanostructured Metal Oxides

10:10 to 10:30

Alessandro Boni (Department of Chemistry, University of Bologna, Bologna, Italy), Giovanni Valenti, Michele Melchionna, Matteo Cargnello, Stefania Rapino, Massimo Marcaccio, Maurizio Prato, Marcella Bonchio, Paolo Fornasiero, Francesco Paolucci

Co-axial Heterostructures Integrating Pd@TiO_2 with Carbon Nanotubes for the Efficient Hydrogen Evolution Reaction at Neutral-pH

10:30 to 10:50

Coffee Break

10:50 to 11:10

Magdalena Skompska (Faculty of Chemistry, University of Warsaw, Warsaw, Poland), Maciej Kwiatkowski, Igor Bezverkhyy

Photocatalytic and Photoelectrochemical Properties of Nanostructured ZnO/TiO_2 Core-Shell Composites

11:10 to 11:30

Balázs Endrõdi (Department of Physical Chemistry and Materials Science, University of Szeged, Szeged, Hungary), Péter S. Tóth, Robert Dryfe, Csaba Janáky

Exploring the pH-Potential Cosmos: Direct Electrodeposition of Nanocrystalline TiO_2 Films on Different Carbon Electrodes

11:30 to 11:50

Neus Vila (Laboratoire Chimie Physique Microbiologie pour Environnement, Université de Lorraine-CNRS, UMR 7564, Villers-les Nancy, France), Alain Walcarius

Functionalization of Vertically-aligned Mesoporous Silica Films

11:50 to 12:10

Minwei Zhang (Chemistry, Technical University of Denmark, Copenhagen, Denmark), Arnab Halder, Chengyi Hou, Qijin Chi

Prussian Blue Functionalized Graphene Composites for Electrochemical Sensing and Energy Applications

s10 Electroactive, Functionalized and Nanostructured Materials and Composites: Modern Trends in Synthesis and Applications

Room : Kilimanjaro

Chaired by: Corina Andronescu and Paolucci Francesco

09:30 to 10:10 KEYNOTE

Olle Inganäs (Biomolecular and Organic Electronics, IFM, Linköpings Universitet, Linköping, Sweden)

Biopolymers and electronic polymers combined for energy storage

10:10 to 10:30 INVITED

Stanko Brankovic (ECE, University of Houston, Houston, USA), Wu Dongjun, Kamyar Ahmadi

Au Surface Chemo-Resistivity Improvement Using Metal Deposition *via* SLRR

10:30 to 10:50

Coffee Break

10:50 to 11:10

Salvatore Piazza (Dipartimento di ingegneria Chimica Gestionale Informatica Me, Università di Palermo, Palermo, Italy), Bernardo Patella, Rosalinda Inguanta, Carmelo Sunseri

Pd-NWs ordered arrays for electrochemical sensing of H_2O_2

11:10 to 11:30

Alexander Vaskevich (Materials and Interfaces, Weizmann Institute of Science, Rehovot, Israel), Mariano D. Susman, Yishai Feldman, Tatyana B. Bendikov, Israel Rubinstein

Copper nanoparticle oxidation: A plasmonic perspective

11:30 to 11:50

Masa-aki Haga (Department of Applied Chemistry, Chuo University, Bunkyo-ku, Japan), Hiroaki Sato, Hiroaki Ozawa, Katsuaki Kanaizuka, Masato Kurihara, Taknari Togashi

Electrochemical Interfacing between Prussian Blue Nanocrystals and ITO Electrode by Redox-active Molecular Multilayer

11:50 to 12:10

Giovanni Valenti (Chemistry G. Ciamician, University of Bologna, Bologna, Italy), Martina Zangheri, Mara Mirasoli, Alain Penicaud, Aldo Roda, Francesco Paolucci

Transparent carbon nanotube network for efficient electrochemiluminescence device

s13 Corrosion: The Electrochemistry of Corrosion and Approaches to Corrosion Protection

Room : Everest

Chaired by: Mary Ryan

09:30 to 09:50

Sigrid Benfer (Corrosion, DECHEMA-Forschungsinstitut, Frankfurt am Main, Germany), Wolfram Fürbeth, Benjamin Straß, Marco Thomä, Guntram Wagner

Investigations on the corrosion properties of ultrasound supported friction stir welded hybrid joints

09:50 to 10:10

Christian Dieleman (Novel Aerospace Materials, Faculty of Aerospace Engineering, Delft University of Technology, Delft, Netherlands), Yen Truong, Ilias Kyratzis, Anthony Hughes, James Mardel, Santiago Garcia

Active anti-corrosion protection of AA2024-T3 by electrospun nanofibers

10:10 to 10:30

Kang Shi (Department of Chemistry, Xiamen University, China), Zhi Gang Dong, Ya Hui Wang, Li Wei Ou, Dan Wu, Xuan Zheng

Study on Photo-Electrochemical Etching of GaN Wafer in Deep Eutectic Solvents

10:30 to 10:50

Coffee Break

10:50 to 11:10

Wan-Zhen Hsieh (Chemical Engineering & Materials Science, Yuan Ze University, Taoyuan City, Taiwan), Pei-Tzu Lee, Hsiao-Keng Wang, Cheng-En Ho

Thermal Reliability of Au/Pd/Cu and Au/Pd(P)/Cu Multilayer during Isothermal Annealing

11:10 to 11:30

Thomas Hersbach (Leiden Institute of Chemistry, Leiden University, Leiden, Netherlands), Alexei Yanson, Marc Koper

Of polygons in platinum: highly anisotropic etching at the onset of cathodic corrosion

11:30 to 11:50

Song-Zhu Kure-Chu (Department of Chemistry and Bioengineering, Iwate University, Morioka, Japan), Toru Ogasawa, Rie Nakagawa, Michimasa Uchidate, Rongbin Ye, Hitoshi Yashiro, Kuniaki Sasaki

Tailored Fabrication and Fretting Corrosion Resistance of Nano-laminated Sn/Ag_3Sn (/Ag) Films Electrodeposited on Cu Alloy Plates for Electrical Connectors

11:50 to 12:10

Joerg Posdorfer (Electrochemistry, MacDermid Enthone Industrial Solutions, Langenfeld, Germany), Ronald Gensicke, Edward Kudrak, Mahima Raddiar, Kamaraj Kandhasamy, Mahima Subhramannya, Naveen Taj, Haritosh Mishra

Effect of Nickel Content in Corrosion Behavior of Electrodeposited Zinc-Nickel Coatings

s18 Electrochemistry, Photoelectrochemistry and Bioelectrochemistry of Artificial Photosynthesis: Recent Advances in CO_2 Conversion to Products

Room : Yangtze 2

Chaired by: Monica Barroso and Wilson Smith

09:30 to 10:10 KEYNOTE

Teresa Andreu (Advanced Materials for Energy Area, Catalonia Institute for Energy Research, Sant Adrià del Besòs, Spain), Erdem Irtem, Andrés Parra, Cristian Fàbrega, Sebastián Murcia-López, Maria Dolores Hernández-Alonso, Germán Penelas, Joan Ramon Morante

Solar photoelectrochemical process for CO_2 valorisation to fuels

10:10 to 10:30

Carles Ros (Advanced Materials Area, IREC (Catalonian Institute for Energy Research), Sant Adrià del Besòs, Spain), Sergio Girado, Zhishan Luo, Edgardo Saucedo, Teresa Andreu, Andreu Cabot, Joan Ramon Morante

Towards sustainable solar fuels using earth abundant materials: kesterite based photocathodes

10:30 to 10:50

Coffee Break

10:50 to 11:10

Jean-Daniel Compain (Institut de Chimie, Université de Strasbourg, Strasbourg, France), Matthew Stanbury, Sylvie Chardon-Noblat

Electro- and photo-driven catalytic conversion of CO_2 using molecular manganese carbonyl based catalysts

11:10 to 11:30

Min-Kyu Son (Institute of Chemical Sciences and Engineering, Ecole Polytechnique Federale de Lausanne, Lausanne, Switzerland), Ludmilla Steier, Matthew T. Mayer, Jingshan Luo, Marcel Schreier, Michael Graetzel

Transparent Cuprous Oxide Photocathode on the Copper-doped Nickel Oxide Underlayer for Water Splitting

11:30 to 11:50

Youngkook Kwon (Joint Center for Artificial Photosynthesis, Lawrence Berkeley National Laboratory, Berkeley, USA), Alexis T. Bell

Electrocatalytic CO_2 Reduction to High Ethylene Selectivity

11:50 to 12:10

Fengwang Li (School of Chemistry, Monash University, Melbourne, Australia), Mianqi Xue, Ying Zhang, Lu Chen, Douglas MacFarlane, Jie Zhang

Graphene Supported Two-Dimensional Metal Sulfide Materials for Electrocatalytic Reduction of CO_2 in Aqueous Medium

s20 General Session

Room : Amazon

Chaired by: Guy Denuault and Barbara Palys

09:30 to 09:50

Ramona Gutkowski (Analytical Chemistry, Center of Electrochemical Science, Ruhr-Universität Bochum, Bochum, Germany), Chinmay Khare, Kirill Sliozberg, Felipe Conzuelo, Alfred Ludwig, Wolfgang Schuhmann

Combinatorial sputter deposition of nanostructured Bi-V-O-Mo-M' material libraries for solar energy conversion: High-throughput characterization with an OSDC and SPECM

09:50 to 10:10

Peter Knittel (Institute of Analytical and Bioanalytical Chemistry, Ulm University, Ulm, Germany), Christine Kranz

Combining Scanning Electrochemical Microscopy with Peak Force Tapping Atomic Force Microscopy

10:10 to 10:30

Nejc Hodnik (Laboratory of Catalysis and Chemical Reaction Engineering, National Institute of Chemistry, Ljubljana, Slovenia), Claudio Baldizzone, Karl J.J. Mayrhofer

Recycling of platinum at mild conditions: in low concentrated acid and at room temperature

10:30 to 10:50

Coffee Break

10:50 to 11:10

Kristel Jukk (Institute of Chemistry, University of Tartu, Tartu, Estonia), Nadezda Kongi, Protima Rauwel, Leonard Matisen, Kaido Tammeveski

Platinum Nanoparticles Supported on Nitrogen-Doped Graphene Nanosheets as Electrocatalysts for Oxygen Reduction Reaction

11:10 to 11:30

Elo Kibena-Põldsepp (Institute of Chemistry, University of Tartu, Tartu, Estonia), Jaana Lilloja, Maido Merisalu, Protima Rauwel, Leonard Matisen, Ahti Niilisk, Eduardo S.F. Cardoso, Gilberto Maia, Väino Sammelselg, Kaido Tammeveski

A Comparative Study of Graphene-Based Electrodes Towards ORR

11:30 to 11:50

Saiful Arifin Bin Shafiee (Chemistry, University of Southampton, Southampton, United Kingdom), Guy Denuault, Andrew Hector

Fabrication, Characterisation and Applications of Bulk Ti-N Microband Electrodes

11:50 to 12:10 **ISE PRIZE FOR ENVIRONMENTAL ELECTROCHEMISTRY**

Kangwoo Cho (Center for Water Resource Cycle Research, Korea Institute of Science and Technology, Seoul, Korea), Michael R. Hoffmann

Wastewater Electrolysis Cell: Application of Environmental Electrochemistry for Water-Energy Nexus

Poster presentation program

Symposium 1 New Horizons in Analytical Electrochemistry

Advanced techniques

s01-001

Serena Arnaboldi (Dipartimento di Chimica, Università degli Studi di Milano, Milano, Italy), Patrizia Mussini, Armando Gennaro, Abdirisak Ahmed Isse, Voichita Mihali, Simona Rizzo, Francesco Sannicolò

Achieving chiral electroanalysis on achiral electrodesin innovative “inherently chiral” ionic liquid media

s01-002

Cameron Bentley (School of Chemistry, Monash University, Clayton, Australia), Jiezhen Li, Alan M. Bond, Jie Zhang

Mass-Transport and Heterogeneous Electron-Transfer Kinetics Associated with the Ferrocene/Ferrocenium Process in Non-Haloaluminate Ionic Liquids

s01-003

Christian Heubner (Institute of Materials Science (IfWW), TU Dresden, Dresden, Germany), Christoph Lämmel, Michael Schneider, Alexander Michaelis

Advantages of Higher Harmonics Analysis for the Investigation of Insertion Electrodes

s01-004

Juyeon Kang (Depatrment of Chemistry, Pusan National University, Busan, Korea), Al-Monsur Jiaul Haque, Haesik Yang

Amplified Enzymatic Ag Deposition by Redox Cycling and its Application in the Ultrasensitive Detection of Creatine Kinase-MB

s01-005

Noah Kebede (Department of Chemistry and Physics, La Trobe University, Melbourne, Australia), Paul Francis, Gregory Barbante, Conor Hogan

Electrogenerated Chemiluminescence of Tris(2,2’ bipyridine)ruthenium(II) Using Common Biological Buffers As Co-reactant, pH Buffer and Supporting Electrolyte

s01-006

Akira Kotani (School of Pharmacy, Tokyo University of Pharmacy and Life Sciences, Hachioji, Tokyo, Japan), Kanae Kitamura, Fumiyo Kusu, Kazuhiro Yamamoto, Hideki Hakamata

Development of a Sensor for Determining Amino Acidity in Japanese Sake by Means of Voltammetric Measurement of Surplus Acid

s01-007

Hye Jin Lee (Chemistry, Kyungpook National University, Daegu, Korea), Hye Youn Han, Farhana Sharmin Diba

Enzymatically Amplified Electrochemical Nanobiosensing Platforms for Biological Applications

s01-008

Jiezhen Li (School of Chemistry, Monash University, Melbourne, Australia), Cameron Bentley, Alan M. Bond, Jie Zhang

Determination of Electrode Kinetics Approaching the Reversible Limit Using a Double Frequency Method in Fourier Transformed Large-Amplitude Alternating Current Voltammetry

s01-009

Ponnusamy Nandhakumar (Depatrment of Chemistry, Pusan National University, Busan, Korea), Soodong Noh, Haesik Yang

Facile Electrochemical Detection of Escherichia Coli Using Redox Cycling of the Product Generated by the Intracellular β-D-Galactosidase

s01-010

Seonhwa Park (Department of Chemistry, Pusan National University, Busan, Korea), Haesik Yang

Facile Electrochemical Detection of Botulinum Neurotoxin Type E Using a Two-Step Proteolytic Cleavage

s01-011

Jeongwook Seo (Dept. of Chemistry, Pusan National University, Busan, Korea), Seonhwa Park, Haesik Yang

Electrochemical Detection of Vaccinia Virus in a Solution Containing L-Ascorbic Acid

s01-012

Ulriika Vanamo (Lab. of Analytical Chemistry, Lab. of Materials Chemistry, Åbo Akademi University, University of Turku, Turku, Finland), Johan Bobacka

Towards Calibration-Free Measurements with All-Solid-State Potentiometric Sensors by Reproducible Resetting of the Standard Potential (E°)

Advances in instrumentation

s01-013

Olivier Buriez (Depatrment of Chemistry, Ecole Normale Supérieure, Paris, France), Ana Isabel Perez Jimenez, Lylian Challier, Margherita Di Pisa, Manon Guille-Collignon, Frédéric Lemaître, Solange Lavielle, Christelle Mansuy, Christian Amatore, Eric Labbé

A Three-Electrode Analytical Hand-Held Device

s01-014

Frédérique Deiss (Chemistry and Chemical Biology, IUPUI, Indianapolis, USA), Armelle Metangmo

Electrochemical Detection of Bacteria using Portable Paper-based Culture Devices

s01-015

Sahana Sarkar (Nano Ionics, University of Twente, Enschede, Netherlands)

Unconventional Potentiometry of Reversible Redox species at Ultra-low Concentrations in Nanogap Transducers

Coupled-electrochemical techniques

s01-016

Maria-Antonietta Baldo (Department of Molecular Sciences and Nanosystems, Università Ca' Foscari Venezia, Venice, Italy), Angela Maria Stortini, Ligia Maria Moretto, Paolo Ugo

A Combined Electrochemical and Spectroscopic Approach for Trace Lead Analysis in Olive Oils using RTIL as Electrolyte

s01-017

Anna Muhs (Analytical Chemistry - Center for Electrochemical Sciences, Ruhr-Universität Bochum, Bochum, Germany), Jan Clausmeyer, Miriam Marquitan, Yanjun Zhang, Yuri Korchev, Wolfgang Schuhmann

Nanosized Field-Effect Transistor Sensors for pH-sensitive Imaging Using Scanning Electrochemical Microscopy/Scanning Ion Conductance Microscopy

New analytes, improved data analysis methodologies

s01-018

Yun Bao (Graduate School of Engineering, Yokohama National University, Yokohama, Japan), Teko Napporn, Kensaku Nagasawa, Yuji Kohno, Koichi Matsuzawa

Method of Evaluating of Toluene Electro-Hydrogenation Reaction: Charge and Mass Transfer

s01-019

Ariadna Brotons Cuevas (Institute of Electrochemistry, Alicante University, Alicante, Spain), Ignacio Sanjuán, Christopher W Foster, Craig E. Banks, Francisco Jose Vidal-Iglesias, Jose Solla-Gullón, Jesus Iniesta

Easy and Cost Effective Enzymatically Digested Oligonucleotides for the Electrochemical Quantification of Guanosine and Adenosine Monophosphate Using Screen Printed Graphite Electrodes

s01-020

Ariadna Brotons Cuevas (Institute of Electrochemistry, Alicante University, Alicante, Spain), Juan Miguel Feliu Martinez, Vicente Montiel, Jesus Iniesta, Francisco Jose Vidal-Iglesias, Jose Solla-Gullón

Specific Adsorption-Desorption of Nucleobases, Nucleosides and Nucleotides on Polycrystalline and Monocrystalline Gold Surfaces

s01-021

Eric Gil (Pharmacy School, Federal University of Goias, Goiânia, Brazil), Valéria Oliveira, Gabriela Nóbrega, Kamila Japiassu, Ruiter Morais, Paulo Cesar Ghedini

Electroanalytical Evaluation of the Natural Polyphenols, Curcumin and Morin: Their Bio Converted Antioxidant Products

s01-022

Dafne Guzmán-Hernández (Analytic Chemistry, Universidad Autónoma del Estado de Hidalgo, Mexico, Mexico), Maria Teresa Ramirez-Silva, Marlene Cid-Ceron, Manuel Palomar-Pardavé, Mario Romero-Romo, Silvia Corona-Avendaño

Simultaneous electrochemical quantification of diclofenac and acetaminophen in the presence of CTAB micelles.

s01-023

Zhi Jinfang (Technical Institute of Physics and Chemistry, Chinese Academy of Science, Beijing, China), Fang Deyu, Gao Guanyue, Gao Guanyue, Yu Yuan, Shen Jie

Adaptive Use of Personal Glucose Meter (PGM) for Acute Biotoxicity Assessment based on the Glucose Consumption of Microbes

s01-024

Isman Khazi (Faculty of Medical and Mechanical Engineering, Hochschule Furtwangen University, Furtwangen, Germany), Ulrich Mescheder

Influence of Anode to Cathode Distance on the Alloy Composition in Anomalously Electrodeposited Nickel-Cobalt Alloys

s01-025

Bruna C. Lourencao (Depatrment of Chemistry, UFSCar, São Carlos, Brazil), Tiago Silva, Ricardo F. Brocenschi, Orlando Fatibello-Filho, Romeu C. Rocha-Filho

Boron-Doped Diamond Electrode Explored for the Electrochemical Study and Simultaneous Electroanalytical Detection of Naphthol Isomers

s01-026

Udo Rohr (SO-AC9, Merck KgaA, Darmstadt, Germany)

Conductivity Measurment in the pS/cm Range

s01-027

Nick Sleegers (Department of Chemistry (AXES Research Group), University of Antwerp, Antwerp, Belgium), Fabio Bottari, Karolien De Wael

Development of an electrochemical screening strategy for the detection of β-lactam antibiotics in a variety of streams

s01-028

Jing-Juan Xu (Chemistry, Nanjing University, Nanjing, China)

Dual-wavelength Electrochemiluminescence Ratiometry for microRNA Detection

s01-029

Haesik Yang (Department of Chemistry, Pusan National University, Busan, Korea)

Washing-Free Electrochemical Immunosensor Using Redox Cycling

s01-030

Wei-Wei Zhao (Chemistry, Nanjing University, Nanjing, China)

Simultaneous Photoelectrochemical Immunoassay of Dual Cardiac Markers Using Specific Enzyme Tags: A Proof of Principle for Multiplexed Bioanalysis

s01-031

Guzel Ziyatdinova (Analytical Chemistry Department, Kazan Federal University, Kazan, Russia), Endzhe Ziganshina, Phuc Nguyen Cong, Herman Budnikov

Coulometric Titrants as Reagents for the Evaluation of Antioxidant Properties of Spices Micellar Extracts

s01-032

Maria Angelica del Valle (Facultad de Quimica, Pontificia Universidad Catolica de Chile, Santiago, Chile), Valentina Muñoz, Francisco Martinez, Mauricio Isaacs, Francisco Armijo

Electrochemical oxidation mechanism of ambroxol and its voltammetric determination on FTO electrode

POSTERS

Novel electrochemical interfaces

s01-033

Martha Collins (Lab de Chimie Physique et Microbiologie pour l'Environnement, Universite de Lorraine, Nancy, France), Marc Hebrant, Gregoire Herzog

Analyte pre-concentration by self-assembly of silica nanoparticles at the liquid-liquid interface

s01-034

Karolien De Wael (Depatrment of Chemistry, University of Antwerp, Antwerp, Belgium)

Biomolecule-free, Selective Photoelectrochemical Detection Using Immobilized Fluoroalkylated Zinc Phthalocyanine Photosensitizer

s01-035

Xiang He (Division of Lake Environment and Engineering, Nanjing Institute of Geography and Limnology, CAS, Nanjing, China)

Three-Dimensional Porous Gold Microarray for Simultaneous Assay of Various Cancer Biomarkers

s01-036

Baohong Liu (Department of Chemistry, Fudan University, Shanghai, China), Yun Liu, Huiying Xu, Lina Zhu, Yujie Liu, Jingjing Xiao, Hui Chen

Sensitive Quantification of Biomolecules and Tumor Cells based on Nanomaterial Functionalized Electrochemical Biosensors

s01-037

Angela Molina (Physical Chemistry, University of Murcia, Murcia, Spain), Eduardo Laborda, José Manuel Olmos

Voltammetry of the Transfer of Complexed and Dissociated Ionic Species at Soft Interfaces. Study of the Influence of the Charge, Chemical Reactivity and Mass Transport of the Species

s01-038

Francis Ntumba Muya (Chemistry, University of the Western Cape, Cape Town, South Africa), Priscilla Baker, Emmanuel Iwuoha, Nicole Jaffrezic Renault, Abdelhamid Errachid, Abdoullatif Barakat, Selim Boudjoui

Novel highly sensitive enzymatic gas bio-sensor for detection of formaldehyde

s01-039

Rejane Maria Pereira Da Silva (Centro de Ciências Naturais e Humanas, Universidade Federal do ABC, Santo André, Brazil), Lucas Carvalho Lima, Ivanize Gaubeur, Hugo Barbosa Suffredini

Dispersive Liquid–Liquid Microextraction Combined with Oil/Water Interface Electrochemistry for the Determination of Ferrocene

Novel electrodes and electrode materials

s01-040

Alejandra Abellán (Instituto de Materiales, Universidad de Alicante, Alicante, Spain), Itthipon Jeerapan, Amay Bandodkar, Lorena Vidal, Antonio Canals, Joseph Wang, Emilia Morallón

Design of a stretchable electrochemical device for glucose detection

s01-041

Alejandra Abellán (Instituto Universitario de Materiales, Universidad de Alicante, Alicante, Spain), Carolina Gonzalez, Lorena Vidal, Antonio Canals, Emilia Morallón

Uric acid quantification in presence of ascorbic acid using arrays of microelectrodes modified with carbon nanofibers functionalized with 4-ABA.

s01-042

Termeh Darvishzad (Biotechnology and Physical Chemistry, Cracow University of Technology, Krakow, Poland), Stefan Kurek

Guanine Sensors Based on Swollen Conducting Polymer Capable of H-Bonding

s01-043

Camilo González-Vargas (Universidad de Santiago de Chile, Santiago, Chile), Ricardo Salazar

Electrodetermination of hydroclorothiazide by Glassy Carbon electrodes modificated by electropolimerization with L- and D- glutamic acids.

s01-045

Stefan Klink (Analytical Chemistry - Center for Electrochemical Sciences, Ruhr-University Bochum, Bochum, Germany), Yu Ishige, Wolfgang Schuhmann

Ion-Sensing Cheap as Chips: Intercalation Compounds as Solid-Contact Reference Electrodes for Ion-Selective Electrodes

s01-046

Osamu Niwa (Advanced Science Research Laboratory, Saitama Institute of Technology, Fukaya, Japan), Shunsuke Shiba, Daiki Kato, Tomoyuki Kamata, Dai Kato

Metal Nanoparticles Embedded Carbon Film Electrodes for Environmental and Biochemical Analyses

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Keagan Pokpas (SensorLab, Department of Chemistry, University of the Western Cape, Bellville, South Africa), Nazeem Jahed, Priscilla Baker, Emmanuel Iwuoha

Detection of Nickel (II) at a Metal-Free Graphene-Chelate Probe In the Presence of Cobalt and Zinc by Adsorptive Stripping Voltammetry

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Eduardo Ponzio (Physical Chemistry, Federal Fluminense University, Niterói, Brazil), Ana Silva, Matheus Correa, Grasielli Oliveira, Pedro Florez-Rodriguez, Felipe Semaan

Graphite/silicone composites as flexible electrode materials

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Libuse Trnkova (Department of Chemistry, Faculty of Science, Masaryk University, Brno, Czech Republic), Jan Hrbac, Rudolf Navratil, Adela Kotzianova, Tomas Opletal, Vladimir Halouzka

Polymer Pencil Graphite as Electrode Material for Sensing

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Eleonora-Mihaela Ungureanu (Inorganic Chemistry, Physical Chemistry and Electrochemistry, University Politehnica of Bucharest, Bucharest, Romania), George-Octavian Buica, Elena Diacu, Liviu Birzan, Georgiana-Luiza Arnold

Azulene-Thiourea-Like Chemically Modified Electrodes for Heavy Metal Ions Detection

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Guzel Ziyatdinova (Analytical Chemistry Department, Kazan Federal University, Kazan, Russia), Ekaterina Kozlova, Herman Budnikov

New Electrodes Based on Electropolymerized Phenolic Antioxidants for the Evaluation of Beverages Antioxidant Properties

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Termeh Darvishzad (Biotechnology and Physical Chemistry, Cracow University of Technology, Krakow, Poland), Stefan Kurek

Voltammetric Studies of H-Bond Interactions of Guanine with Pyridinecarboxylic Acids

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Eric Gil (Pharmacy School, Federal University of Goias, Goiânia, Brazil), Isaac Macedo, Luane Garcia, Karla Carneiro de Siqueira Leite, Paulo Cesar Ghedini, Isabela Lopes, Boniek Gontijo Vaz, Jeronimo Neto

Electroanalytical Tools for Evaluation of Antioxidant Profile of Dried Extracts of Red Fruits

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Electrocatalysis in electroanalysis

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Soledad Bollo (Pharmacological Sciences, University of Chile, Santiago, Chile), Constanza Venegas, Gustavo A. Rivas, Marco Eguilaz

Bienzymatic glucose biosensor based on the use of multi-walled carbon nanotubes non-covalently functionalized with cytochrome c

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Alexander Botz (Analytical Chemistry - Center for Electrochemical Sciences, Ruhr-Universität Bochum, Bochum, Germany), Jan Clausmeyer, Denis Ohl, Wolfgang Schuhmann

Kinetic Investigation of the Oxygen Reduction Reaction at Silver Nanoparticles in Alkaline Media Using Scanning Electrochemical Microscopy

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Saurav K. Guin (Electrochemistry Section, Fuel Chemistry Division, Bhabha Atomic Research Centre, Department of Atomic Energy, Mumbai, India), Arvind S. Ambolikar, J. V. Kamat

Interfacial Catalytic Electron Transfer of Pu(IV)/Pu(III) at Platinum-sub-microparticles (PtsMPs)

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Lucas Patricio Hernandez Saravia (Institute of Chemistry- Fundamental, University of Sao Paulo, Sao Paulo, Brazil), Anandhakumar Sukeri, Josué Martins Gonçalves, Juan Aguirre, Koiti Araki, Henrique Eisi Toma, Mauro Bertotti

Cobalt-Ruthenium Based Porphyrin Complex/Graphene Oxide Composite Modified Electrode for Electrocatalytic Reduction of Oxygen

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Meixian Li (College of Chemistry and Molecular Engineering, Peking University, Beijing, China), Tanyuan Wang

Electrocatalysis and Electrochemical Sensing Based on Nanostructured MoS_2

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Xiuting Li (Department of Chemistry, University of Oxford, Oxford, United Kingdom), Christopher Batchelor-McAuley, Samuel A. I. Whitby, Kristina Tschulik, Lidong Shao, Richard G. Compton

Single Carbon Nanotube Voltammetry: Contact Modulation of theMediated Current

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Enrico Marsili (Singapore Centre for Environmental Life Sciences Engineering, Nanyang Technological University, Singapore, Singapore), Kannan Palanisamy, Abeed Fatima Binti Mohammed Batcha, Carlo Santoro, Thomas Seviour, Jamie Hinks, Federico M. Lauro

Carbon nanotube supported Escherichia coli as a bioanode for detection of volatile organic compounds

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Ayesha Mujtaba (Chemistry, Quaid-i-Azam University, Islamabad, Pakistan), Naveed Kausar Janjua

Superior catalytic activity for methanol and glucose electro-oxidation owing to synergistic contribution of copper and iron oxides

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Weronika Ozimek (Department of Chemistry, University of Warsaw, Warsaw, Poland), Iwona A. Rutkowska, Pawel J. Kulesza

Functionalized Noble Metal Nanoparticles as Catalysts for Arsenate(III) Oxidation and Reduction Processes

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Oliver Rodriguez-Martinez (Chemistry, University of Southampton, Southampton, United Kingdom), Guy Denuault

Study of the Oxygen Reduction Reaction by Sampled Current Voltammetry on Single and Multiple Pt Nanoparticles

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Yuanyang Rong (Chemistry, University of Bath, Bath, United Kingdom), Qilei Song, Daping He, Richard Malpass-Evans, Mariolino Carta, Neil B. McKeown, Tomos J. Clarke, Stuart H. Taylor, Frank Marken

Novel Catalytic Microporous Heterocarbon Nanofilm Electrodes Derived from Intrinsically Porous Polymer Hosts

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Bozdech Sebastien (Electrochemistry and Energy Conversion, ICPEES, Strasbourg, France)

Influence of the size and of the supporting electrolyte on the emergence of potential fluctuations at a Pt microelectrode during CO oxidation.

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Toshimasa Wadayama (Graduate School of Environmental Studies, Tohoku University, Sendai, Japan), Ryutaro Kawamura, Masato Asano, Ren Sasakawa, Naoto Todoroki

ORR Activity and Durability for Pt(111) Epitaxial Layers Prepared on Pt_xNi_{1-x}(111) Single Crystal Alloy Substrates

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Li Wang (College of Chemistry and Chemical Engineering, Jiangxi Normal University, Nanchang, China), Coucong Gong, Yonghai Song

MP-11@PCN-333 (Al) Modified Macroporous Carbon Electrode for the Detection of Hydrogen Peroxide

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Thidarat Wongsawa (Department of Chemistry and Bioengineering, Iwate University, Iwate, Japan), Tatsuya Takeguchi, Napan Narischat, Koichi Ui

Linear Sweep Voltammetry of Bimetallic PtRu Aolloy Nanoparticles in Various Types of Carbon Supports for CO Oxidation Activity

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Ding Yuan (Department of Chemistry, Xiamen University, Xiamen, China)

SECM Investigation on the Facet-Dependent Photocatalytic Performance of α-Fe_2O_3 Nanocrystals

Electrodes modified with nano-objects

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Azam Anaraki Firooz (Chemistry, Shahid Rajaee Teacher Training University, Tehran, Iran), Bahram Hosseini Nia

A Voltammetric Sensor Based On SnO_2 and Fe doped SnO_2 Nanoparticles -Modified Carbon-Paste Electrode For Determination of Levodopa

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Azam Anaraki Firooz (Chemistry, Shahid Rajaee Teacher Training University, Tehran, Iran)

Synthesis of porous ZnO nanostructures for glucose direct electrochemical biosensor

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Patricia Batista Deroco (Departament of Chemistry, Federal University of São Carlos, São Carlos, Brazil), Iasmim Gonzaga de Melo, Katlin Eguiluz, Giancarlo Salazar-Banda, Orlando Fatibello-Filho

Pd@Au and Au@Pd Core-Shell Nanoparticles Supported on Carbon lack for the Development of Hydrazine Electrochemical Sensor

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Barbara Bohlen (Department of Chemistry, Federal University of São Carlos, São Carlos, Brazil), Fernando Vicentini, Orlando Fatibello-Filho

A Glassy Carbon Electrode Modified with Carbon Black and Gold Nanoparticles for the Simultaneous Determination of Paracetamol and Tryptophan

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Gulcin Bolat (Department of Chemistry, Hacettepe University, Ankara, Turkey)

Voltammetric Determination of Methyl Parathion Based on Single Walled Carbon Nanotubes–Polyaniline Nanocomposite Film Modified Electrode

s02-022

Agustin E. Bolzan (Electrochemistry, Inst. Investigaciones Fisicoquímicas Teóricas y Aplicadas, La Plata, Argentina), Eduar Gutiérrez Pineda, María José Rodríguez Presa, Claudio A. Gervasi

Electrodeposition of gold nanostructures on polypyrrole electrodes for electrochemical sensing

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Cecilia Cristea (Analytical Chemistry, Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania), Andrea Cernat, Mihaela Tertis, Nicoleta Papara, Robert Sandulescu

Composite Nanoplatforms for Dopamine Detection

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Mathies Evers (Faculty of Chemistry and Biochemistry, Ruhr-University Bochum, Bochum, Germany), Kristina Tschulik

Single Nanoparticle Analysis

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Zdenek Farka (CEITEC MU, Masaryk University, Brno, Czech Republic), Tomas Jurik, Pavel Podesva, David Kovar, Frantisek Foret, Petr Skladal

Gelatin-templated Nanostructured Gold for Electrochemical Detection of Glucose in Serum

s02-026

Orlando Fatibello-Filho (Department of Chemistry, Federal University of São Carlos, São Carlos, Brazil), Ademar Wong, Tiago Silva, Fernando Vicentini

A novel electrochemical sensor based on graphene oxide and an ionic liquid for highly sensitive detection of the antibiotic ofloxacin

s02-027

Orlando Fatibello-Filho (Department of Chemistry, Federal University of São Carlos, São Carlos, Brazil), Ademar Wong, Claudia Razzino, Tiago Silva

Square-wave voltammetric determination of clindamycin using a graphene oxide and gold nanoparticles based electrochemical sensor

s02-028

Masoumeh Ghalkhani (Department of Chemistry, Faculty of Science, Shahid Rajaee Teacher Training University, Tehran, Iran)

Electrodeposition of Cobalt Tetraaminophthalocyanine Thin Film on The Reduced Graphene Oxide Modified Electrode: Application For the Electro-Oxidation of Guanine

s02-029

Masoumeh Ghalkhani (Department of Chemistry, Faculty of Science, Shahid Rajaee Teacher Training University, Tehran, Iran)

Application of Bismuth Nanoparticles Decorated Reduced Graphene Oxide Nanocomposite for Highly Sensitive Xanax Determination

s02-030

Ramona Gutkowski (Analytical Chemistry - Center of Electrochemical Science, Ruhr-Unversität Bochum, Bochum, Germany), Wolfgang Schuhmann

Modification of FTO surfaces with Pt-nanoparticles for enhanced photoelectrochemical response of electrodeposited n-type semiconductor materials

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Elvira Gómez (Química Física, University of Barcelona, Barcelona, Spain), Alvaro Colina, David Ibañez, Aranzazu Heras, Elisa Vallés

Supported Electrodeposited Ag Nanoparticles on SWCNTs

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Daping He (Chemistry, University of Bath, Bath, United Kingdom), Dong Sheng He, Jinlong Yang, Ze-Xian Low, Mariolino Carta, Richard Malpass-Evans, Neil B. McKeown, Frank Marken

Molecularly Rigid Microporous Polyamine Nanoparticles Capture and Stabilize Conducting Platinum Nanoparticle Networks

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Gregoire Herzog (LCPME, CNRS-Universite de Lorraine, Nancy, France), Tauqir Nasir, Lin Zhang, Neus Vila, Alain Walcarius

Vertically Oriented Mesoporous Silica on Glassy Carbon Electrodes for Electroanalysis

s02-034

Jan Hrbac (Institute of Chemistry, Masaryk University, Brno, Czech Republic), Vladimir Halouzka, Barbora Halouzkova, Athanassios G. Kontos, Eirini Siradini, Polycarpos Falaras

Nanostructured copper-coated carbon microelectrodes for SERS sensing prepared by electrochemical/ electrophoretic technique

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David Ibañez (Department of Chemistry, University of Burgos, Burgos, Spain), Aranzazu Heras, Alvaro Colina

Functionalization of Free-Standing Carbon Nanotubes Electrodes.

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David Inwood (School of Chemistry, University of Southampton, Southampton, United Kingdom), Andrea Russell, Alex Bonastre, Jonathan Sharman

Characterisation of the Near Surface Region of Acid Leached Pt Alloy Nanoparticles for Fuel Cell Catalysts

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Young-Eun Jeon (Chemistry Education, Seoul National University, Seoul, Korea)

Fabrication of Prussian Blue on poly(p-phenylenediamine) coated Multi-walled carbon nanotubes for electrochemical detection of hydrogen peroxide

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Liu Jinhuai (Nanomaterials and Environmental Detection Laboratory, Institutes of Intelligent Machines,CAS, Hefie, Anhui Province, China)

Facet-Dependent Electrochemical Performance of α-Fe_2O_3 Nanocrystals toward Heavy Metals Ions

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Suhee Kim (Chemistry, Kyungpook National University, Daegu, Korea), Farhana Sharmin Diba, Hye Jin Lee

Amperometric Nanobiosensors for H5N1 Proteins

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Jianyun Liu (Department of Environmental Engineering, Donghua University, Shanghai, China)

Electrospun ZnO nanofibers for determination of trace heavy metals

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Lucia Mascaro (Chemistry, Rua Major Jose Inaio, Sao Carlos, Brazil), Lorena Goulart, Roger Gonçalves, Alessandra Correa, Ernesto C. Pereira

Ag-nanoparticles/Carbon Nanotubes Composites for Electrochemical Sensor of Hydroquinone, Catechol, Bisphenol A and Phenol

s02-042

Fernando C. Moraes (Chemistry Department, Federal University of São Carlos, São Carlos, Brazil), Diego Golinelli, Fernando Cincotto, Sergio Machado

Electrochemical Sensor Based on Reduced Graphene Oxide Modified with Palladium Nanoparticles for Determination of Antidepressants

s02-043

Hiroaki Ozawa (Department of Applied Chemistry, Chuo University, Tokyo, Japan), Shota Oka, Norihiko Katori, Masa-aki Haga

Electrochemical behavior of H-bonded supramolecular polymer of ruthenium complexes on HOPG surface

s02-044

Luci Rocha Aveiro (LEMN - Lab. Electroch. and Nanostructured Materials, Universidade Federal do ABC - UFABC, Santo André, Brazil), Vanessa da Silva Antonin, Mauro Coelho dos Santos

Oxygen Reduction Reaction Catalyzed by Titanium Dioxide Supported on Carbon in Alkaline Medium

s02-045

Abbasali Rostami (Faculty of Chemistry, Department of Physical Chemistry, University of Mazandaran, Babolsar, Iran), Hussein Rostami

Poly (p-phenylendiamine/TiO_2) nanocomposite promoted Pt/C catalyst for methanol and ethanol electrooxidation in alkaline medium

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Abbasali Rostami (Department of Physical Chemistry, University of Mazandaran, Babolsar, Iran), Majeed Sedighi

Synthesis of Pt-CeO_2-MWCNT nanocatalysts and investigation of theirs performance for chemical degradation Mitigation of proton exchange membrane fuel cell

s02-047

Natalia Rostkowska (Department of Electrode Processes, Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw, Poland), Joanna Dolinska, Marcin Holdynski, Sheng-Hui Wu, Chi-Chang Hu, Marcin Opallo

Electrooxidation of selected organic compounds at electrodes modified with nitrogen doped reduced graphene oxide: The effect of decoration with carbon nanoparticles

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Ozge Surucu (Chemistry, Hacettepe University, Ankara, Turkey), Gulcin Bolat, Serdar Abaci

Electrochemical Studies on the Interaction between (*E*)-4-((6-methoxybenzo [*d*]thiazol-2-yl)diazenyl)-*N*-phenylaniline (MBDPA) and Bovine Serum Albumin

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Mihaela Tertis (Analytical Chemistry, Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania), Anca Florea, Robert Sandulescu, Cecilia Cristea

Molecularly Imprinted Polymer Based Platform for the Electrochemical Determination of Dopamine

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Richard Webster (School of Physical and Mathematical Sciences, Nanyang Technological University, Singapore, Singapore), Ya Yun Chan, Alex Eng, Martin Pumera

Assessing the Drop Casting Method for Coating Electrodes with Nanomaterials

s02-051

Julia Witt (Department of Chemistry, Carl von Ossietzky University of Oldenburg, Oldenburg, Germany), Daniel Mandler, Gunther Wittstock

Nanoparticle Imprinted Polymers

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Pei Meng Woi (Chemistry, University of Malaya, Kuala Lumpur, Malaysia), Pooria Moozarm Nia, Yatimah Alias

One-Step Electrodeposition of Polypyrrole-Copper Nano Particles for H_2O_2 Detection

Nanochemistry and nanotechnology approaches for enhancing analytical signals

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Vasilica Badets (Nanosystemes Analytiques, Université de Bordeaux, ISM-CNRS UMR 5255, Bordeaux, France), Neso Sojic, Stephane Arbault

Effect of Oxygen Plasma Treatment of Platinized Microelectrodes on the Detection of Reactive Oxygen-Nitrogen Species

s02-054

Paolo Bollella (Chemistry and Drug Technologies, Sapienza University of Rome, Rome, Italy), Roland Ludwig, Lo Gorton, Riccarda Antiochia

Synthesis and Characterization of "Green" Metallic Nanoparticles with Tunable Charge for Development of Electrochemical Biosensors

s02-055

Adriana Correia (Analytical Chemistry and Physical Chemistry, Federal University of Ceara, Fortaleza, Brazil), Wyslley Paiva, Thiago Oliveira, Suely Castro

Sensitive Electrochemical Sensor for Imidacloprid based on Cobalt Hexacyanoferrate Film Modified Glassy Carbon Electrode

s02-056

Laura Folkertsma-Hendriks (BIOS, Lab on a Chip Group, University of Twente, Enschede, Netherlands), Kaihuan Zhang, Mark Hempenius, Julius Vancso, Albert van den Berg, Mathieu Odijk

Impedance spectroscopy of redox-active porous membranes

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Kosuke Ino (Graduate School of Environmental Studies, Tohoku University, Sendai, Japan), Yusuke Kanno, Hitoshi Shiku, Tomokazu Matsue

Molecular electrochemical switching with nano- and microstructures for electrochemical bioimaging of cells

s02-058

Sharareh Sajjadi (Department of Biology, Faculty of Sciences, Roudehen Branch, Islamic Azad University, Roudehen, Iran), Mohammad Mahdi Habibi, Raziyeh Ramezani Karimi

Amperometric Determination of Hydrogen Peroxide Using a Glassy Carbon Electrode Modified with a Nanocomposite of Carbon Nanotube, Ionic Liquid, Prussian Blue and Gold Nanoparticle

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Francisco Trivinho-Strixino (Departamento de Física, Química e Matemática, Universidade Federal de São Carlos - Campus Sorocaba, Sorocaba, Brazil), Leticia M.M. Ferro, Sherlan S. Lemos, Marystela Ferreira

Use of multivariate analysis on Fabry-Pérot interference spectra of nanoporous anodic alumina glucose optical sensor

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Maria Valnice Boldrin Zanoni (Analytical Chemistry, Institute of Chemistry, Universidade Estadual Paulista, Araraquara, Brazil), Guilherme Bessegato, Felipe Hudari

A New Electroanalytical Approach to Semiconductor Self-doped TiO_2 Nanotubes Electrodes

Nanoelectrodes: formation, characterization and applications

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Anja Bieberle-Hütter (Solar Fuels, DIFFER, Eindhoven, Netherlands), Rochan Sinha, Irem Tanyeli, Reinoud Lavrijsen, Richard van de Sanden

Plasma Nanostructuring:The way towards high performing photoelectrodes?

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Zhuang Cai (College of Materials Science and Chemical Engineering, Harbin Engineering University, Harbin, China), Guiling Wang, Dongming Zhang

Platinum Nanoparticles anchored on TiO_2/C Nanowires as a High Performance Catalyst for Hydrogen Peroxide Eletroreduction

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Gihoon Cha (Materials Science, Institute for Surface Science and Corrosion LKO FAU, Erlangen, Germany), Marco Altomare, Patrik Schmuki

Optical Properties of Free-standing Anodic TiO_2 Nanotube Membranes

s02-064

Gihoon Cha (Materials Science, Institute for Surface Science and Corrosion LKO FAU, Erlangen, Germany), Marco Altomare, Patrik Schmuki

Double open-ended TiO_2 nanotube arrays: Formation and optical properties

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Aliasghar Ensafi (Chemistry, Isfahan University of Technology, Isfahan, Iran)

Nickel Nanoparticles Supported on Porous Silicon Flour, Application as a Non-Enzymatic Electrochemical Glucose Sensor

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Imgon Hwang (Department of Materials and Engineering, FAU, WW4-LKO, Erlangen, Germany), Seulgi So, Anca Mazare, Patrik Schmuki

Enhanced Photoelectrochemical Properties of TiCl4-treated Single-walled TiO_2 Nanotubes

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Hwakyeung Jeong (Department of Chemistry, Chungbuk National University, Cheongju, Korea), Jongwon Kim

Electrochemical SERS investigation of formic acid oxidation at Pt layers on Au

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Soochan Kim (School of Chemical Engineering, Sungkyunkwan University, Suwon, Korea), Won Bin Kim, Sang Ha Lee, Misuk Cho, Youngkwan Lee

Ultra-sensitive determination of glucose based on hierarchical nickel sulfide nanostructure

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Won Bin Kim (School of Chemical Engineering, Sungkyunkwan University, Suwon, Korea), Sang Ha Lee, Soochan Kim, Misuk Cho, Youngkwan Lee

Electrochemical biosensor based on copper sulfide dendrite for determination of glucose

s02-070

Jens Klein (Institute of Surface Chemistry and Catalysis, University Ulm, Ulm, Germany), Sylvain Brimaud, R. Jürgen Behm

Bulk CO oxidation on Pt modified Ru(0001) model electrodes –The role of PtRu ensembles at the atomic scale leve

s02-071

Venkata Jagadeesh Rachuri (Soft Condensed Matter, Raman Research Institute, Bengaluru, India), V. Lakshminarayanan

Enhanced electro – oxidation of ethanol in alkaline medium studied on Pd dispersed graphite and exfoliated graphite electrodes

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En Ning Saw (Faculty for Chemistry and Biochemistry, Ruhr-University Bochum, Bochum, Germany), Kristina Tschulik

Single Nanoparticle Analysis - Effect of Applied Potential on 'Nano-Impact' Spike Shapes

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Congying Song (College of Materials Science and Chemical Engineering, Harbin Engineering University, Harbin, China), Guiling Wang, Dongming Zhang, Dianxue Cao

Uniform Growth of PtCo Modified Co_3O_4 Nanosheets as a Highly Efficient Catalyst for Sodium Borohydride Electrooxidation

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Angela Maria Stortini (Department of Molecular Sciences and Nanosystems, Università Ca' Foscari Venezia, Venezia Mestre, Italy)

Arrays of Copper Nanowire Electrodes for the Sensitive Electroanalysis of Nitrate

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Bin Wang (College of Materials Science and Chemical Engineering, Harbin Engineering University, Harbin, China), Guiling Wang, Dongming Zhang

A flexible and high effective paper based gold electrode for sodium borohydride electrocatalysis

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Tao Yuan (Analytical Biochemistry, 550 Esdoornlaan, Groningen, Netherlands)

Metabolic conversion of lidocaine by nanoporous gold electrodes

Ultra-thin films

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Barak D.B. Aaronson (Department of Chemistry, University of Bath, Bath, United Kingdom), Daping He, Mariolino Carta, Richard Malpass-Evans, Neil B. McKeown, Frank Marken

Hierarchical Structures and Photoactive Materials in Polymers of Intrinsic Microporosity

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Abdelkader Benchettara (Department of Chemistry, USTHB, Algiers, Algeria), Abdelhakim Benchettara

Electrochemical sensor based on Glassy Carbon Electrode Modified With Nickel Oxides for Simultaneous Determination Of Glucose and Ethanol

s02-079

Duduzile Nkosi (Applied Chemistry, University of Johannesburg, Johannesburg, South Africa)

Electrochemical Properties of Self-Assembled Monolayers of Single-Walled Carbon Nanotubes on Solid Surfaces

s02-080

Yuhua Shen (School of Chemistry and Chemical Engineering, Anhui University, Hefei, China), Chen Chen, Anjian Xie

A Highly Selective Biosensor for Cholesterol Detection by Combination of SAM Technique and Molecule Imprinting Method

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bioelectrocatalysis

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Sofiene Abdellaoui (Chemistry, University of Utah, Salt Lake City, USA), Victoria Russel, Shelley Minteer

Directed evolution of oxalate decarboxylase for enhancement of the hybrid enzymatic and organic electrocatalytic cascade

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Priscilla Baker (SensorLab, Chemistry Department, University of the Western Cape, Bellville, South Africa)

Nanostructured polyamic acid transducers in the design of site directed electro-analytical technology for TB detection

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Chiara Di Bari (Bioelectrocatalysis, Insitute of Catalysis and Petrochemistry, Madrid, Spain), Asier Goñi-Urtiaga, Marcos Pita, Sergey Shleev, Miguel D. Toscano, Raquel Sainz, Antonio L. De Lacey

Fabrication of High Surface Area Graphene Electrodes with High Performance Towards Enzymatic Oxygen Reduction

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Maria Komkova (Materials Science, M.V. Lomonosov Moscow State University, Moscow, Russia), Arkady Karyakin

Self-Powering Properties of the Prussian Blue-Based (Bio)sensors

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Huaiguang Li (Center for Electrochemical Sciences - CES, Ruhr University Bochum, Bochum, Germany), Darren Buesen, Rhodri Williams, Frank Müller, Joerg Henig, Martin Winkler, Thomas Happe, Nicolas Plumeré

Transferring Monodispersity from the Nanoscale to the Microscale – Dendrimers as Building Blocks for Redox Hydrogel Films.

s03-006

Fred Lisdat (Biosystems Technology, University of Applied Sciences Wildau, Wildau, Germany), Lena Geist, Kai R. Stieger, Andreas Wiese, Mahdi Hejazi, Peter Crowley, Athina Zouni, Fred Lisdat

Direct electrochemistry of copper containing redox proteins from photosynthesis with modified electrodes

s03-007

Ievgen Mazurenko (Laboratory of Bioenergetics and Protein Engineering, CNRS - Aix-Marseille University, Marseille, France), Karen Monsalve, Jad Rouhana, N. Mano, Elisabeth Lojou

Rationalization of Carbon Nanomaterial/Enzyme Interaction for Efficient Bioelectrodes: a Multidisciplinary Approach

s03-008

Jose Luis Olloqui Sariego (Physical Chemistry, Espartinas 13, Sevilla, Spain), Galina S. Zakharova, Andrey A. Poloznikov, Juan José Calvente, Dmitry M. Hushpulian, Lo Gorton, Rafael Andreu

Potential Induced Inactivation of Immobilized Tobacco Peroxidase in the Presence of Low Hydrogen Peroxide Concentration

s03-009

Ewelina Seta (Department of Chemistry, University of Warsaw, Warsaw, Poland), Weronika A. Lotowska, Iwona A. Rutkowska, Pawel J. Kulesza, Adrianna Raczkowska, Katarzyna Brzostek

Bacterial Biofilm as Active Matrix for Noble Metals Nanoparticles: Enhancement of Electroreduction of Carbon Dioxide

s03-010

Till Siepenkoetter (Chemical and Environmental Science, University of Limerick, Limerick, Ireland), Urszula Salaj-Kosla, Edmond Magner

Tunable Nanoporous Gold Electrodes and their application in Protein Electrochemistry

s03-011

Yonghai Song (College of Chemistry and Chemical Engineering, Jiangxi Normal University, Nanchang, China), Juan He, Li Wang

Cu-Hemin MOFs/Chitosan-Reduced Graphene Oxide Nanocomposites with Enzyme Activity for Electrochemical Sensing

s03-012

Michal Wagner (Department of Chemistry, Technical University of Denmark, Kgs. Lyngby, Denmark), Katrine Qvortrup, David Tanner, Jens Ulstrup, Jingdong Zhang

Quinone-Enriched Gold Nanoparticles in Bioelectrochemistry and Charge Storage

s03-013

Aysu Yarman (Institute of Biochemistry and Biology, University of Potsdam, Potsdam, Germany), Bettina Neumann, Katharina J. Jetzschmann, Frieder W. Scheller

MIP-Enzyme Combinations for Paracetamol and Phenacetin

s03-014

Ling Zhang (Department of Chemistry, Technical University of Denmark, Lyngby, Denmark), Jingdong Zhang, Jens Ulstrup

Electrochemistry of Iron Porphyrin Monolayers on Au(111)-electrode Surfaces

Biofuel cells

s03-015

Sabine Alsaoub (Analytical Chemistry - Center for Electrochemical Sciences, Ruhr-Universität Bochum, Bochum, Germany), Adrian Ruff, Piyanut Pinyou, Felipe Conzuelo, Dmitry Pankratov, Roland Ludwig, Sergey Shleev, Wolfgang Schuhmann

Redox-Polymers Revealing Low and High Redox Potentials and Their Application in Enzyme Based Bio-Batteries

s03-016

Achraf Blout (LRS-LISE, Université Pierre et Mair Curie (Paris 6), Paris, France), Alain Pailleret, Hubert Perrot, Claude Jolivalt

Graphite/amorphous carbon nitride electrode for laccase-catalysed oxygen reduction by direct electron transfer

s03-017

Tim Bobrowski (Analytical Chemistry - Center for Electrochemical Sciences, Ruhr-Universität Bochum, Bochum, Germany), Elena Gonzalez-Arribas, Dmitry Pankratov, Chiara Di Bari, Marcos Pita, Antonio Lopez De Lacey, Wolfgang Schuhmann, Sergey Shleev

Transparent ITO nanoparticle modified ITO electrodes – utilization for enzymatic fuel cells and biocapacitors

s03-018

Adalgisa De Andrade (Chemistry Department, University of São Paulo- FFCLRP-USP, Ribeirão Preto, Brazil), Carolina Bonfim, Paula G. Fenga

The role of different anchoring agents in the architecture of ADH/NAD+ bioanode

s03-019

Valentina Grippo (Chemistry Department, Warsaw University, Warsaw, Poland), Kanso Hussein, Su Ma, Roland Ludwig, David Hernandez Santos, Renata Bilewicz

Enzymatic Thin Layer Flow-Cell with Screen-Printed Electrodes: Approach for Simple Miniaturized Biofuel Cell

s03-020

Yoo Seok Lee (School of Environmental Science and Engineering, Gwangju Institute of Science and Technology, Gwangju, Korea), Junyeong An, Bongkyu Kim

Sediment Microbial Fuel Cells as a Portable Power Source: Series Connection of SMFCs Using a Dipole-Electrode and Controlling Voltage Reversal

s03-021

Francesca Lopez (Analytical Chemistry - Center for Electrochemical Sciences, Ruhr-Universität Bochum, Universitätsstr. 150, Bochum, Germany)

Multilayer electrode architectures for the selective amperometric detection of lactose in the presence of high glucose concentrations

s03-022

Nikola Markovic (Analytical Chemistry - Center for Electrochemical Sciences, Ruhr-Universität Bochum, Bochum, Germany), Felipe Conzuelo, Wolfgang Schuhmann

D – Hierarchically Structured Carbon Cloth Coated with PTFE for Air-Breathing Bioelectrode Applications

s03-023

Kosuke Nishida (Faculty of Mechanical Engineering, Kyoto Institute of Technology, Kyoto, Japan), Takuya Nakamura, Kazuki Sakamoto, Shodai Sunami

Effect of Microporous Structure on Reaction Interface Formation and Mass Transport in Enzyme Immobilization Electrode for Biofuel Cell

s03-024

Marc Riedel (Biosystems Technology, Institute of Applied Life Sciences, Technical University of Applied Sciences Wildau, Wildau, Germany), Gero Göbel, Jennifer Mundhenk, Matias Lara Beltram, Jörg J. Schneider, Fred Lisdat

Influence of human body liquids on the output of an enzymatic glucose/oxygen biofuel cell based on direct electron transfer

s03-025

Isao Shitanda (Department of Pure and Applied Chemistry, Faculty of Science and Technology, Tokyo University of Science, Noda-shi, Chiba, Japan), Risa Iwashita, Misayki Momiyama, Saki Nohara, Seiya Tsujimura, Yoshinao Hoshi, Masayuki Itagaki

Improvement of Output Power of Paper-based Wearable Biofuel Cell by 3D Electrode and Array Structures

s03-026

Krzysztof Stolarczyk (Faculty of Chemistry, Warsaw University, Warsaw, Poland), Michal Kizling, Renata Bilewicz

Bioelectrodes Modified with Carbon and Metal Nanomaterials for Biofuel Cells

s03-027

Rebecka Werchmeister (Department of Chemistry, Technical University of Denmark, Kgs. Lyngby, Denmark), Fei Shen, Jingdong Zhang

Graphene paper based bioelectrodes for enzymatic biofuel cells

Biological membranes

s03-028

Dan Bizzotto (Chemistry, The University of British Columbia, Vancouver, Canada), Amanda Musgrove

In-situ Fluorescence and AFM Imaging Studies of Electrochemical Control Over the Incorporation of DOPC Liposomes onto an octadecanol coated Au(111) surface

s03-029

Nadica Ivosevic De Nardis (Division for Marine and Environmental Research, Ruder Boskovic Institute, Zagreb, Croatia), Jadranka Pecar Ilic, Ivica Ruzic, Galja Pletikapic

Adhesion and Spreading of a Cell at a Charged Interface

s03-030

Monika Naumowicz (Department of Electrochemistry, Institute of Chemistry, University of Bialystok, Bialystok, Poland), Aneta Petelska

Physicochemical modelling of the surface-active phospholipid bilayer relative to acid-base equilibria

s03-031

Ashley Page (Department of Chemistry, University of Warwick, Coventry, United Kingdom), Alexander Armitstead, David Perry

Multifunctional Scanning Electrochemical Probe Microscopy as a Tool to Visualise Cellular Uptake with Nanoscale Resolution

s03-032

Aneta Petelska (Department of Electrochemistry, Institute of Chemistry, University of Bialystok, Bialystok, Poland), Monika Naumowicz

The equilibria of phosphatidylcholine-divalent ions in monolayer at the air/water interface

s03-033

Lukasz Poltorak (ChemE, TU Delft, Delft, Netherlands), Louis de Smet, Ernst Sudhölter

Electrochemical Impedance Spectroscopy of lipid bilayers cushioned on doped silicon surfaces

s03-034

Javier Roman (Instituto de Química, Pontificia Universidad Católica de Valpraíso, Valparaíso, Chile), Emilio Navarrete, Eduardo Muñoz

Study about Overall Adhesion-Spreading Process of Liposomes on a Gold Electrode. Influence of the Presence of CdTe Quantum Dots

Biomaterials

s03-035

Egor Andreev (Chemistry Faculty, M.V. Lomonosov Moscow State University, Moscow, Russia), Maria Komkova, Arkady Karyakin

Electrochemical Detection of Penicillium chrysogenum by Conductivity Increase of Boronate-Substituted Polyaniline

s03-036

Francisco Armijo (Facultad de Química, Pontificia Universidad Católica de Chile, Santiago, Chile), Erick Castañeda, Francisco Martinez, Maria Angelica del Valle, Mauricio Isaacs

Poly(3,4-ethylenedioxythiophene) / polydopamine as a new platform for the development of electrochemical immunosensors

s03-037

Aruã Clayton da Silva (Department of Chemistry, Universidade de São Paulo, São Paulo, Brazil), Leandro Helgueira Andrade, Susana Cordoba de Torresi

Green Synthesis and Characterization of a New Conducting and Biodegradable Copolymer of PEDOT-co-PLLA as Biomaterial

s03-038

Joanna Dolinska (Department of Electrode Processes, Institute of Physical Chemistry Polish Academy of Sciences, Warsaw, Poland), Marcin Holdynski, Marcin Opallo

How to cook electrocatalytically active nanoparticles?

s03-039

Min-Sheng Hung (Department of Biomechatronic Engineering, National Chiayi University, Chiayi, Taiwan), Yi-Ming Zhao

A Micro-orifice Platform Integrated with Dielectrophoresis for Phalaenopsis Protoplasts Pairing and Electrofusion

s03-040

Laszlo Kekedy-Nagy (Nature and Technology, Aarhus University, Aarhus, Denmark), Elena E. Ferapontova

Importance of a Dual Charge on the DNA-Conjugated Redox Probe for Diffusional Voltammetry of DNA Duplexes Tethered to Gold Electrodes

s03-041

Inmaculada Marquez (Physical Chemistry, University of Sevilla, Sevilla, Spain), Jose Luis Olloqui Sariego, Estrella Frutos Beltrán, Miguel A. De la Rosa, Juan José Calvente, Antonio Díaz-Quintana, Rafael Andreu

Effect of a Remote ResidueMutation on the Electron Transfer of Plastocyanin Immobilized on a Cysteamine Modified Gold Electrode

s03-042

Gilbert Nöll (Chemistry-Biology, University of Siegen, Siegen, Germany), Cristina Gutierrez Sanchez, Qiang Su, Stephan Vogt

Electrochemically Switchable Protein-DNA Layers

Enzymes

s03-043

Pablo Fanjul Bolado (R&D, DropSens, S.L., Llanera, Spain), Marta Maria Pereira da Silva Neves, Pablo Bobes Limenes, Alejandro Pérez Junquera, María Begoña González García, David Hernandez Santos

Miniaturized Analytical Instrumentation for Electrochemiluminescence Assays: a Spectrometer and a Photodiode based Device

s03-044

Deby Fapyane (Nanoscience-iNANO, Aarhus University, Aarhus, Denmark), Elena E. Ferapontova

Bioelectrocatalytic Oxidation of Glucose by Hexose Oxidase Directly Wired to Graphite

s03-045

Katharina J. Jetzschmann (Institute of Biochemistry and Biology, University Potsdam, Golm, Germany), Aysu Yarman, Martin Rohloff, Vlada Urlacher, Anna Fischer, Ulla Wollenberger, Frieder W. Scheller

Molecular imprinting of the oxygenase domain of cytochrome P450 BM3

s03-046

Faduma Maddar (Chemistry, University of Warwick, Coventry, United Kingdom), Robert Lazenby, Patrick Unwin

Surface-structure controls of the electro-oxidation of NADH at carbon electrodes: Highly oriented pyrolytic graphite (HOPG) and polycrystalline boron-doped diamond (pBDD)

s03-047

Marta Meneghello (Chemistry, University of Southampton, Southampton, United Kingdom), Firas Al-Lolage, Su Ma, Roland Ludwig, Philip Bartlett

Covalent immobilization of engineered Cellobiose Dehydrogenase from Myriococcum thermophilum

s03-048

Biljana Mitrova (Institute of Biochemistry and Biology, University of Potsdam, Potsdam, Germany), Tobias Hartmann, Silke Leimkühler, Ulla Wollenberger

Voltammetry of Formate Dehydrogenase from R. capsulatus-a Molybdoenzyme Capable of CO_2 Fixation and Biofuel Production

s03-049

Bettina Neumann (Institute for Biochemistry and Biology, University Potsdam, Potsdam, Germany), Lina Rustam, Anna Fischer, Frieder W. Scheller, Ulla Wollenberger

Spectroelectrochemistry of Microperoxidase-11 in Transparent Electrodes

s03-050

Stefanie Stapf (Analytical Chemistry, Ruhr-Universität Bochum, Bochum, Germany), Wolfgang Schuhmann, Nicolas Plumeré, Adrian Ruff, Olaf Rüdiger, Wolfgang Lubitz

Viologen Polymers for Reversible Hydrogen Oxidation and Hydrogen Generation in Redox Hydrogels

Nucleic Acids

s03-051

Fethi Bedioui (Technologies Chimiques et Biologiques pour la Santé, CNRS, Chimie ParisTech, INSERM, Univ. Paris Descartes, Paris, France), Achille Nassi, François Xavier Guillon, Bernard Hainque, S. Amriche, D. Maugé, Eva Markova, Chantal Tsé, Pascal Biglé, Mathieu Lazerges

Electrochemical DNA-Biosensors Based on Long-Range Electron Transfer: Optimization of the Amperometric Detection in the Femtomolar Range Using 2-Electrode Setup

s03-052

Zhanna Boeva (Faculty of Science and Engineering, Åbo Akademi University, Turku, Åbo, Finland), Tom Lindfors, Vladimir Sergeyev, Kalle Levon

Protonation constant of polyaniline – a key for developing an efficient biosensor

s03-053

Bogdan Feier (Analytical Chemistry, Faculty of Pharmacy, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania), Cecilia Cristea, Robert Sandulescu

Electrochemical Aptasensor for the Detection of Ampicillin

s03-054

Lance Ho (Biotechnology Innovation Centre, Rhodes University, Grahamstown, South Africa), Ronen Fogel, Janice Limson

An Evaluation of Gold Pre-treatment for a Streptavidin-biotin-based Electrochemical Impedance Thrombin Aptasensor

s03-055

Andrea Hájková (Department of Analytical Chemistry, Charles University in Prague, Prague, Czech Republic), Jiøí Barek, Vlastimil Vyskoèil

DNA Damage Induced by Hydroxyl Radicals and Auto-Oxidation of Fe(II) Detected by an Electrochemical DNA Biosensor

s03-056

Daliborka Jambrec (Analytical Chemistry, Center for Electrochemical Sciences, Ruhr University Bochum, Bochum, Germany), Felipe Conzuelo, Arturo Estrada-Vargas, Bianca Ciui, Yasin Ugur Kayran, Cecilia Cristea, Wolfgang Schuhmann

Optimizing DNA Assays. DNA Sensor Preparation in Minutes

s03-057

Dominika Janiszek (Faculty of Chemistry, University of Warsaw, Warsaw, Poland), Monika Karpinska, Andrzej Niewiadomy, Agnieszka Girstun, Hanna Elzanowska, Magdalena Maj-Zurawska, Pawel J. Kulesza

Does Pentamidine Interact with Plasmid DNA Similarly to Some Anticancer Drugs?

s03-058

Adriana Palinska-Saadi (Faculty of Chemistry, University of Warsaw, Warsaw, Poland), Magdalena Lukasiewicz, Janusz Oszczapowicz, Malgorzata Lukawska, Irena Oszczapowicz, Elzbieta Zwierkowska, Selim Achmatowicz, Magdalena Maj-Zurawska

DNA Interactions with Daunorubicin and Its Formamidino Derivatives Studied by Voltammetric and Spectrophotometric Methods

s03-059

Tsvetan Hristov Tarnev (Analytische Chemie, Ruhr-Universität Bochum, Bochum, Germany), Jan Clausmeyer, Daliborka Jambrec, Alexander Botz, Wolfgang Schuhmann

High-Resolution Shear-Force Scanning Electrochemical Microscopy Studies on DNA-Modified Gold Surfaces

s03-060

Mats de Jong (Chemistry, University of Antwerp, Antwerp, Belgium), Nick Sleegers, Jayoung Kim, Filip Van Durme, Nele Samyn, Joseph Wang, Karolien De Wael

Portable Voltammetric sensor for Fast, Sensitive and Selective On-site Screening of Cocaine

Photobioelectrochemistry

s03-061

Gaochao Fan (School of Chemistry and Chemical Engineering, Nanjing University, Nanjing, China), Jianrong Zhang, Junjie Zhu

Enhanced Photoelectrochemical Immunosensing Platform Amplified by CuS Nanocrystals Conjugated Signal Antibodies

s03-062

Yanyan Song (Research Center for Analytical Sciences, Northeastern University, Shenyang, China), Jingwen Xu, Zhida Gao

Controllable Antibacterial Platform based on TiO_2 Nanotube Arrays: from UV Light to Visible Light Triggered Drug Release System

s03-063

Chiaki Terashima (Photocatalysis International Research Center, Tokyo University of Science, Chiba, Japan), Asako Kuragano, Kensuke Katagishi, Anitha Devadoss, P. Sudhagar, Takeshi Kondo, Isao Shitanda, Kazuya Nakata, Ken-ichi Katsumata, Norihiro Suzuki, Masayuki Itagaki, Makoto Yuasa, Akira Fujishima

Photoelectrochemical Sensing of Biomolecules at Au-TiO_2 Photoanode

s03-064

Junjie Zhu (School of Chemistry and Chemical Engineering, Nanjing University, Nanjing, China), Jianrong Zhang, Gaochao Fan

Development and Application of the Photoelectrochemical Biosensors

Symposium 4 Electrochemical Approaches in Diseases and Human Health

Brain

s04-001

Anca Florea (Analytical Chemistry Department, University of Medicine and Pharmacy Iuliu Hatieganu, Cluj-Napoca, Romania)

Novel Gold Nanostructured Aptasensor for the Electrochemical Detection of Dopamine

Cell Signaling

s04-002

J. Justin Gooding (The Australian Centre for NanoMedicine, School of Chemistry, Sydney, Australia), Maryam Parviz, Katharina Gaus

A dual optical and electrochemical system for monitoring cell surface interactions and the response of cells to therapeutics

Diagnosis

s04-003

Anton Ciucu (Analytical Chemistry, University of Bucharest, Bucharest, Romania), Andreea Rabanca, Mihaela Buleandra

Sensors Development for Neurotransmitters Determination

POSTERS

s04-004

M.C. Dilusha Cooray (School of Chemistry, Monash University, Clayton, Australia), Saman Sadanayake, Fengwang Li, Steven J. Langford, Alan M. Bond, Jie Zhang

Efficient Enzymatic Oxidation of Glucose Mediated by Ferrocene Covalently Attached to Polyethylenimine Stabilized Gold Nanoparticles

s04-005

Cecilia Cristea (Analytical Chemistry, Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania), Mihaela Tertis, Luminita Fritea, Anca Florea, Robert Sandulescu

Design of Immobilization Platforms for Sensors Used in Pharmaceutical Analysis

s04-006

Frédérique Deiss (Chemistry and Chemical Biology, IUPUI, Indianapolis, USA), Isaac Taylor

An Electrochemical Paper-based Device for Micronutrient Sensing Applied to the Point-of-care Quantification of Potassium Ion

s04-007

Janice Limson (Biotechnology Innovation Centre, Rhodes University, Grahamstown, South Africa), Ronen Fogel, Kelly-Anne Frith, Mary Cromhout, Tamika Fellows

Generating and validating aptamers for low-cost diagnostics

s04-008

Candice Rassie (Chemistry, University of the Western Cape, Cape Town, South Africa), Priscilla Baker, Emmanuel Iwuoha

Multichannel electrochemical CYP2E1 enzyme phenotype-biosensor system for the determination of TB drug metabolism

s04-009

Yuko Ueno (Molecular and Bio Science Research Group, NTT Basic Research Laboratories, NTT Corporation, Atsugi, Japan), Ziyan Xu, Kazuaki Furukawa

Electrochemistry at the Edge and Basal Plane of a Graphene Microelectrode: Fabrication and Characterization

s04-011

Lindsay Wilson (Chemistry, University of the Western Cape, Cape Town, South Africa), Phillipa Randall, Candice Rassie, Tesfaye Waryo, Priscilla Baker, Keertan Dheda, Emmanuel Iwuoha

Polyaniline based screen printed carbon electrode immunosensors for the detection of lipoarabinomannan in clinical samples.

s04-012

Guobao Xu (State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, CAS, Changchun, China), Liming Qi, Wenjing Qi, Yong Xia, Wenyue Gao, Fengxia Wu, Suping Li, Saima Hanif

Wireless Electrochemiluminescence

Drug carriers

s04-013

Dorota Matyszewska (Faculty of Chemistry, University of Warsaw, Warsaw, Poland), ZhangFei Su, J. Jay Leitch, Jacek Lipkowski, Renata Bilewicz

Phospholipid Membranes as Model Systems to Study the Interactions of Anticancer Drugs – Langmuir-Blodgett, PMIRRAS and Electrochemical Studies

Medical devices

s04-014

Jaewook Baek (Department of Chemistry, Sogang University, Seoul, Korea), Enhua Zhu

Development of Implantable Drug Pump: Application of the Nongassing Electroosmotic Pump

s04-015

Lucia Fernandez Macia (Department of Materials and Chemistry, Vrije Universiteit Brussel, Brussels, Belgium), Karolina Cysewska, Piotr Jasinski, Annick Hubin

Odd Random Phase Electrochemical Impedance Spectroscopy to Study the Electropolymerization and Degradation of Polypyrrole Coatings on Iron for Cardiovascular Stents

s04-016

Achim Walter Hassel (CEST, ICTAS, COMBOX, Johannes Kepler University, Linz, Austria), Jan Philipp Kollender, Georg Sprinzl, Theo Doll

IPC-MS Monitoring of the Electrochemical Dissolution of Active Implants in Hearing Aids

s04-017

Dominika Janiszek (Faculty of Chemistry, University of Warsaw, Warsaw, Poland), Monika Karpinska, Andrzej Niewiadomy, Agnieszka Girstun, Hanna Elzanowska, Magdalena Maj-Zurawska, Pawel J. Kulesza

Thin Redox Layers Use in DNA Sensors: Interactions with Drugs

s04-018

Wesley Bruno Silva Machini (Department of Chemistry, Faculty of Science and Technology, University of Coimbra, Coimbra, Portugal), Teodor Adrian Enache, Sonia Maria Alves Jorge, Ana Maria Oliveira-Brett

Isotretinoin Oxidation Mechanism and Electroanalysis in a Pharmaceutical Drug Using a Boron-Doped Diamond Electrode

s04-019

Modupe Ogunlesi (Chemistry, University of Lagos, Lagos, Nigeria), Wesley Okiei, Sulaiman Akanmu, Oluwatoyin Akerele

Studies on the effects of anti-sickling agents on the voltammetric properties of Haemoglobin S using Cyclic Voltammetry with bare Glassy Carbon Electrode

s04-020

Salvatore Piazza (Dipartimento di Ingegneria Chimica Gestionale Informatica Me, Università di Palermo, Palermo, Italy), Giuseppe Blanda, Rosalinda Inguanta, Carmelo Sunseri, Francesco Carfi Pavia, Silvia Greco, Valerio Brucato

Brushite/Hydroxyapatite Coatings obtained by galvanic deposition on 316L Stainless Steel

s04-021

Woonsup Shin (Department of Chemistry, Biomedical Engineering, Sogang University, Seoul, Korea)

Application of Non-gassing Electroosmotic Pump for Developing Drug Delivery Devices

s04-022

Yonghai Song (College of Chemistry and Chemical Engineering, Jiangxi Normal University, Nanchang, China), Yonggui Song, Li Wang

Design and Preparation of a Self-Potential Biosensor for in vitro and in vivo Glucose Monitoring

s04-023

Masoud Taleb (Department of Materials Engineering, Tallinn University of Technology, Tallinn, Estonia), Roman Ivanov, Irina Hussainova

Novel Electrode of Graphenated Nano Fibers for Simultaneous Determination of Dopamine, Uric Acid, and Ascorbic Acid

s04-024

Ching-Chou Wu (Department of Bio-industrial Mechatronics Engineering, National Chung Hsing University, Taichung, Taiwan), Chieh-Jen Wang, Lee-Tian Chang

Development of cell-based chip integrated with dissolved oxygen electrodes and its application in the estimation of adipocyte metabolism

Oxidative stress

s04-025

Anna Banasiak (School of Chemical and Pharmaceutical Sciences, Dublin Institute of Technology, Dublin, Ireland), John Cassidy, John Colleran

Investigation of the Interactions between Bioinorganic Compounds and DNA Using Electrochemical DNA Biosensors

s04-026

Saustin Dongmo (Department of Chemistry, Carl von Ossietzky University of Oldenburg, Oldenburg, Germany), Janina Leyk, Christiane Richter-Landsberg, Carsten Dosche, Gunther Wittstock

Local oxidative stress by controlled release of ROS using polymer-modified microelectrode

s04-027

Paulo Cesar Ghedini (Pharmacology, Federal University of Goias, Goiania, Brazil), Elton Clementino da Silva, Dâmaris Silveira, Ruiter Moraes Lima, Gérman Sanz Lobón, Eric Gil

Voltammetric and Spectrophotometric Determination of Antioxidant Activity of Eugenia dysenterica DC Leaves Extracts and their Pharmacological Implications

s04-028

Paulo Cesar Ghedini (Pharmacology, Federal University of Goias, Goiania, Brazil), Jerônimo Raimundo de Oliveira Neto, Ruiter Moraes Lima, Gérman Sanz Lobón, Karla Carneiro de Siqueira Leite, Boniek Gontijo Vaz, Eric Gil

Antioxidant Activity of Beer using a Carbon Paste Adenine-Biosensor

s04-029

Abdulghani Ismail (Department of Chemistry, Chimie ParisTech, Paris, France), Victor Baldim, Patricia Taladriz-Blanco, Sophie Griveau, Fanny d'Orlyé, Anne Varenne, Marcelo Ganzarolli de Oliveira, Fethi Bedioui

Quantification of S-nitrosothiols using different decomposition pathways by electrochemical and chimiluminescence detection

s04-030

Frédéric Lemaître (Department of Chemistry, Ecole Normale Supérieure, Paris, France), Yun Li, Catherine Sella, Manon Guille-Collignon, Laurent Thouin, Christian Amatore

Electrochemical Detection of Reactive Oxygen / Nitrogen Species within Microdevices

s04-031

Miriam Marquitan (Analytische Chemie, Ruhr-Universität Bochum, Bochum, Germany), Jan Clausmeyer, Melanie D. Mark, Stefan Herlitze, Wolfgang Schuhmann

Carbon nanoelectrodes for intracellular electrochemical detection of reactive oxygen species (ROS)

s04-032

Tao Zhang (Department of Analytical Biochemistry, University of Groningen, Groningen, Netherlands)

Efficient and Selective Chemical Labeling of Electrochemically Cleaved Peptides for Protein Analysis

Symposium 5 Current Progress in Microbial Electrochemical Technologies

Microbial electrochemical technologies

s05-001

Plamen Atanassov (Center for Micro-Engineered Materials, University of New Mexico, Albuquerque, USA), Alexey Serov, Kateryna Artyushkova, Jonathan Gordon, Mounika Kodali, Santiago Rojas-Carbonell, Carlo Santoro

Precious Metals-free Catalysts For Oxygen Reduction Reaction for Microbial Fuel Cell Cathodes

s05-002

Mareike Engel (Junior Research Group BioSats, Bioprocess Engineering, University of Kaiserslautern, Kaiserslautern, Germany), Aljoscha Koch, Nils Tippkötter

A simple bioreactor design for microbial electrosynthesis of biobutanol

s05-003

Carmen María Fernandez Marchante (Chemical Engineering, Universidad de Castilla-la-Mancha, Ciudad Real, Spain), Yeray Asensio, Justo Lobato, Pablo Cañizares, Manuel Andres Rodrigo

Influence of the fuel and dosage on the performance of double-compartment microbial fuel cells

s05-004

Carmen María Fernandez Marchante (Chemical Engineering, Universidad de Castilla-la-Mancha, Ciudad Real, Spain), Yeray Asensio, Iziar Begoña Montes, Justo Lobato, Pablo Cañizares, Manuel Andres Rodrigo

Influence of the electrode material on double-compartment microbial fuel cells fed with acetate

s05-005

Sung Hee Jeong (Dept. Nano Science and Technology, Seoul National University, Suwon-Si, Korea), Soo Youn Lee

Redox Active Scaffold-Accelerated Extracellular Electron Transfer in Microbial Fuel Cells

s05-006

Bongkyu Kim (School of Environmental Science and Engineering, Gwangju Institute of Science and Technology (GIST), Gwangju, Korea), Junyeong An, Yoo Seok Lee, In Seop Chang

"Voltage Reversal" in Microbial Fuel Cell and Ways to Reduce in Stacking Systems

s05-007

Sam Molenaar (Resource Recovery, Wetsus, Leeuwarden, Netherlands)

Microbial Rechargeable Battery: Energy Storage through Acetate

s05-008

Guillermo Pozo (Advanced Water Management Centre, The University of Queensland, Brisbane, Australia), Ludovic Jourdin, Yang Lu, Pablo Ledezma, Jürg Keller, Stefano Freguia

Real-time Electron/Mass Balances within Autotrophic Sulfate-Reducing Biocathodes

s05-009

Patricia Zamora (Water Treatment and Reuse, Abengoa S.A., Seville, Spain), Inmaculada Salcedo, Philipp Kuntke, Adriaan Jeremiasse

A pilot-scale Microbial Electrolysis Cell for ammonia recovery from urine

POSTERS

Microbial electroconversions

s05-010

Linda Gonzalez-Gutierrez (Research, CIDETEQ, Pedro Escobedo-Sanfandila, Mexico), Eduardo Martínez-González, Nancy Velazco, Carlos Frontana

Quinones as redox mediators in microbial bioelectrochemical reactions

s05-011

Korneel Rabaey (Center for Microbial Ecology and Technology, Ghent University, Gent, Belgium), Sunil Patil, Jan Arends

Long Term Continuous Microbial ElectroSynthesis for the Production of Acetate and Secondary Alcohol from CO_2 and Current.

Symposium 6 Novel Materials and Devices for Energy Storage: Batteries for Tomorrow's World

Li-ion

s06-001

Safeer Ahmed (Chemistry, Quaid-i-Azam University, Islamabad, Pakistan), Maryam Iftekhar, Nicholas Drewett, Laurence Hardwick

Electrochemical Performance of Lithium Manganese Rich Al and Cr Doped Cathode Materials

s06-002

Hasan Algül (Department of Metallurgical & Materials Engineering, Sakarya University, Sakarya, Turkey), Mehmet Uysal, Mahmud Tokur, Seyma Ozcan, Tugrul Cetinkaya, Hatem Akbulut, Ahmet Alp

Graphene Reinforced Sn Negative Electrodes for Li Ion Batteries

s06-003

Niv Aloni (School of Chemistry, Tel-Aviv University, Tel-Aviv, Israel), Emanuel Peled, Diana Golodnitsky, Meital Goor

SiNPs Supported on a Carbon Fibers Scaffold as Anodes for High-Capacity Lithium Ion Batteries

s06-004

Monika Bakierska (Faculty of Chemistry, Jagiellonian University, Krakow, Poland), Michal Swietoslawski, Marcin Molenda

Study on Lithium Ion Diffusivity in Modified $LiMn_2O_4$ Spinel-Based Cathode Materials

s06-005

Prabeer Barpanda (Materials Research Center, Indian Institute of Science, Bangalore, India)

Realization of High-Voltage Iron-Based Battery Insertion Materials

s06-006

Solveig Böhme (Department of Chemistry - Ångström, Uppsala University, Uppsala, Sweden), Kristina Edström, Leif Nyholm

Electrochemical behaviour of tin(IV) oxide electrodes in lithium-ion batteries at high temperature and potentials

s06-007

Musa Ali Cambaz (Materials 1, Helmholtz Institute Ulm, Ulm, Germany), Maximilian Fichtner

Vanadium oxyfluoride a new cathode material for lithium batteries

s06-008

Musa Ali Cambaz (Materials 1, Helmholtz Institute Ulm, Ulm, Germany), Maximilian Fichtner

$LiFeBO_3$ as a high capacity cathode material for lithium ion batteries

s06-009

Candace Chan (Materials Science and Engineering, Arizona State University, Tempe, USA), Qian Cheng

Oxidation-Reduction Assisted Exfoliation of Layered Metal Oxides into Functional Nanosheet Building Blocks for Advanced Cathode Materials

s06-010

Ruiyong Chen (Joint Electrochemistry Lab, KIST Europe GmbH, Saarbruecken, Germany), Ruiyong Chen, Michael Knapp, Emad Maawad, Rolf Hempelmann

Electrochemistry Driven Structural Transition of VO2F into Disordered Rock-Salt

s06-011

Woosuk Cho (Advanced Batteries Research Center, Korea Electronics Technology Institute, Seongnam, Korea), Yong Nam Jo, Jun-Ho Song, Young-Jun Kim

Understanding of degradation mechanism of Ni-rich $LiNi_xCo_yMnz$ (x + y + z = 1) cathode for lithium ion battery

POSTERS

s06-012

Rajnish Dhiman (Department of Physics, Chemistry and Pharmacy, University of Southern Denmark , Odense, Denmark), Dorthe Ravnsbæk

XPS and in operando Synchrotron X-ray diffraction studies of V_2O_5 cathode material for Li-ion batteries.

s06-013

Oleg Drozhzhin (Chemistry Department, Lomonosov Moscow State University, Moscow, Russia), Vasily Sumanov, Olesia Karakulina, Artem Abakumov, Joke Hadermann, Andrey Baranov, Keith Stevenson, Evgeny Antipov

Switching Between Solid Solution and Two-Phase Regimes in the $Li_{1-x}Fe_{1-y}MnyPO_4$ Cathode Materials During Lithium (de)Insertion: Combined PITT, in situ XRPD and Electron Diffraction Tomography Study

s06-014

Ahmed S. Etman (Department of Material and Environmental Chemistry (MMK), Stockholm University, Stockholm, Sweden), Habtom D. Asfaw, Ning Yuan, Jian Li, Zhengyang Zhou, Fei Peng, Ingmar Persson, Xiaodong Zou, Torbjörn Gustafsson, Kristina Edström, Junliang Sun

Novel Environmentally Friendly Approach for Synthesizing Hydrated V_2O_5 Nanosheets

s06-015

Elizaveta Evschik (Laboratory of solid state ionics, Institute of Problems of Chemical Physics, Chernogolovka, Russia), Dmitriy Novikov, Victor Berestenko, Anna Peshkova, Alexey Levchenko, Evgeniy Sanginov, Yuriy Dobrovolskiy

The Stability of the Thin-Film Anodes Based on $Si@SiO_2$ Nanoparticles with a Different Type of Binder

s06-016

Swapna Ganapathy (Department of Radiation Science and Technology, Delft University of Technology, Delft, Netherlands), Alexandros Vasileiadis, Jouke R. Heringa, Marnix Wagemaker

The fine line between a two-phase and solid-solution transformation in $Li_{4+x}Ti_5O_{12}$

s06-017

Johan Hagberg (Department of Chemical Engineering and Technology, KTH Royal Institute of Technology, Stockholm, Sweden), Andrzej Nowak, Leijonmarck Simon, Hannah Schweinebarth, Darren Baker, Anders Uhlin, Per Tomani, Göran Lindbergh

Lignin Based Carbon Fibres as Negative Electrodes in Lithium Ion Batteries

s06-018

Kookjin Heo (Applied Optics&Energy R&D Group, Korea Institute of Industrial Technology, Gwangju, Korea), Jeong-Seon Lee, Jinsub Lim

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Anja Hoffmann (IEK-9, Forschungszentrum Jülich, Jülich, Germany), Peter Jakes, Svitlana Eurich, Desiree van Holt, L.G.J. de Haart, Hans Kungl, Ruediger-A. Eichel

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Rudolf Holze (AG Elektrochemie, Technische Universität Chemnitz, Chemnitz, Germany), Tianyu Feng, Youlong Xu, Zhengwei Zhang, Yianfeng Du, Xiaofei Sun, Lilong Xiong, Raul Rodriguez

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Min Young Hong (Graduate School of Knowledge-based Technology and Energy, Korea Polytechnic University, Sangidaehak-ro 237, Siheung-si, Korea), Duri Kim, In-Ae Oh, Young-Sang Cho, Ji Heon Ryu

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Ling Huang (College of Chemistry and Chemical Engineering, Xiamen University, Xiamen, China), Qi Wang, Chong-Heng Shen, Jun-Tao Li, Shi-Gang Sun

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Charlotte Ihrfors (Department of Chemistry - Ångström Laboratory, Uppsala University, Uppsala, Sweden), Wei Wei, Fredrik Björefors, Leif Nyholm

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Chinwe Ikpo (Chemistry, University of the Western Cape, Bellville, Cape Town, South Africa), Miranda Ndipingwi, Ntuthuko Wonderboy Hlongwa, Zolani Myalo, Natasha Ross, Kenneth I. Ozoemena, Priscilla Baker, Emmanuel Iwuoha

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Duri Kim (Graduate School of Knowledge-based Technology and Energy, Korea Polytechnic University, Sangidaehak-ro 237, Siheung-si, Korea), Mina You, Min Young Hong, Ji Heon Ryu

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Natalia Lebedeva (Institute for Energy and Transport (IET), European Commission, Joint Research Centre (JRC), Petten, Netherlands), Natalia Lebedeva, Franco Di Persio, Lois Boon-Brett

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Pierre Martin (Department of Chemistry, Deakin University, Geelong, Australia)

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Sebastian Mai (Electrochemistry and Electroplating Group, Technische Universität Ilmenau, Ilmenau, Germany), Svetlozar Ivanov, Andre Müller, Andreas Bund, Anna Dimitrova, Stefan Krischok

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Fabio Maroni (School Of Science And Technology - Chemistry Division, University of Camerino, Camerino, Italy), Serena Gabrielli, Alessandro Palmieri, Enrico Marcantoni, Fausto Croce, Francesco Nobili

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Omar S. Mendoza-Hernandez (Institute of Space and Astronautical Science, Japan Aerospace and Exploration Agency, Sagamihara, Japan), Shuichi Taniguchi, Yuki Maruyama, Hiroaki Ishikawa, Yoshitsugu Sone, Minoru Umeda

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Jadra Mosa (Institute of Ceramic and Glass, CSIC, Madrid, Spain), J.F. Vélez, Mario Aparicio

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Manuel Otero (Departamento de Matemática y Física, Universidad Nacional de Córdoba, Córdoba, Argentina), Fabián Vaca Chávez, María Cecilia Valentinuzzi, Ezequiel Pedro Marcos Leiva, Daniel Barraco, Susana Chauque, Fabiana Oliva, Gustavo Monti

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Manuel Otero (Departamento de Matemática y Física, Universidad Nacional de Córdoba, Córdoba, Argentina), Sergio Ceppi, Carla Robledo, Guillermo Stutz, Daniel Barraco, Ezequiel Pedro Marcos Leiva

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Seyma Ozcan (Metallurgy and Material Science, Sakarya University, Sakarya, Turkey)

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Selda Ozkan (Department of Materials Science, WW4-LKO, University of Erlangen-Nuremberg, Erlangen, Germany), Gihoon Cha, Nhat Truong Nguyen, Anca Mazare, Patrik Schmuki

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Tobias Placke (MEET Battery Research Center, University of Münster, Münster, Germany), Paul Meister, Haiping Jia, Richard Klöpsch, Martin Winter

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Antonia Reyes Jiménez (MEET Battery Research Center/Institute of Physical Chemistry, University of Münster, Münster, Germany), Martin Winter, Tobias Placke

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James Rohan (Tyndall National Institute, University College Cork, Cork, Ireland), Tomás Clancy, Louise McGrath

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Vanesa Ruiz (Energy Conversion and Storage Technologies Unit, Joint Research Centre, Institute for Energy and Transport, Petten, Netherlands), Akos Kriston, Matteo Destro, Daniela Fontana, Andreas Pfrang, Lois Boon-Brett

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Yoji Sakurai (Electrical and Electronic Information Engineering, Toyohashi University of Technology, Toyohashi, Japan), Masahiro Utagawa, Takao Tsuda, Mizuki Kadowaki, Shinpei Yamaguchi, Tomohiro Tojo, Ryoji Inada

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Bing-Yi Shih (Department of Chemical Engineering, National Taiwan University, Taipei, Taiwan), Nae-Lih Wu, Pei-Sian Shao

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Jeongyim Shin (Energy and Materials Engineering, Dongguk University, Seoul, Korea), Junghoon Yang, Yong-Mook Kang

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Florian Sigel (Institute for Applied Materials - Energy Storage Systems, Karlsruhe Institute of Technology (KIT), Eggenstein-Leopoldshafen, Germany), Björn Schwarz, Sylvio Indris, Helmut Ehrenberg

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Alexander Skundin (Processes in Batteries, 31, Leninskii Prospekt, Moscow, Russia), Tatiana Kulova, Sergey Sigalaev, Alexander Mironenko

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Miriam Steinhauer (Institute for Engineering Thermodynamics, German Aerospace Center, Stuttgart, Germany)

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Vasily Sumanov (Department of Chemistry, Lomonosov Moscow State University, Moscow, Russia), Oleg Drozhzhin, Felix Sharikov, Andrey Baranov, Evgeny Antipov

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Kohei Tanaka (Space and Astronautical Science, Sokendai, Kanagawa-Pref., Japan), Yoshitsugu Sone, Omar S. Mendoza-Hernandez, Seisuke Fukuda, Masayuki Itagaki

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Anthony Thomas (Engineering Science, Poitiers, France), Serguei Martemianov, Florian Maillard, Patrick Lagonotte, Ludovic Madier

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Mahmud Tokur (Metallurgical and Material Engineering, Sakarya University, Sakarya, Turkey)

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Ulderico Ulissi (Helmholtz Institute Ulm, Karslruhe Institute of Technology, Ulm, Germany), Giuseppe Antonio Elia, Hassoun Jusef, Stefano Passerini

Room Temperature Ionic liquid based electrolytes: case studies in high performance lithium ion battery configurations

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Maria Varini (Applied Electrochemistry, KTH Royal Institute of Technology, Stockholm, Sweden), Matilda Klett, Göran Lindbergh

Temperature dependent behavior of $LiNi_{1/3}Co_{1/3}Mn_{1/3}O_2$ in Li-ion batteries

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Marnix Wagemaker (Applied Sciences, Delft University of Technology, Delft, Netherlands)

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Zhaohui Wang (Department of Chemistry-The Angström Laboratory, Uppsala University, Uppsala, Sweden), Chao Xu, Petter Tammela, Maria Strømme, Kristina Edström, Torbjörn Gustafsson, Leif Nyholm

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Li Wang (College of Chemistry and Chemical Engineering, Jiangxi Normal University, Nanchang, China), Yaqin Chen, Yonghai Song

Zn/Fe-MOFs-derived hollow ball-in-ball ZnO/$ZnFe_2O_4$@carbon nanospheres with exceptional lithium storage performance

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Gunther Wittstock (Institute of Chemistry, Carl von Ossietzky University of Oldenburg, Oldenburg, Germany), Heinz Bülter, Fabian Peters

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Rakel Wreland Lindström (Chemical Enginnering and Technology, KTH Royal Institute of Technology, Stockholm, Sweden), Matilda Klett, Pontus Svens, Carl Tengstedt, Antoine Seyeux, Jolanta Swiatowska, Göran Lindbergh

Uneven SEI Growth Across Depth in Aged Li-Ion Battery Graphite Electrodes

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Anjian Xie (School of Chemistry and Chemical Engineering, Anhui University, Hefei, China), Juan Dai, Yuhua Shen

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Rongbin Ye (Faculty of Science and Engineering, Iwate University, Morioka, Japan), Keidai Sasaki, Koji Ohta, Mamoru Baba

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Xinhua Zhu (SURF Research Group, Department Materials and Chemistry, Vrije Universiteit Brussels , Brussels, Belgium), Lucia Fernandez Macia, Noshin Omar, Annick Hubin

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Jianli Zou (Stephenson Institute for Renewable Energy, The University of Liverpool, Liverpool, United Kingdom), Christopher Sole, Nicholas Drewett

In situ Observation of Li Intercalation into Graphitic Flakes of Varying Layer Number

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Eduardo dos Santos Sardinha (Institute of Chemistry, Carl von Ossietzky Universität Oldenburg, Oldenburg, Germany), Markus Ding, Stefano Passerini, Gunther Wittstock

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Eduardo dos Santos Sardinha (Institute of Chemistry, Carl von Ossietzky Universität Oldenburg, Oldenburg, Germany), Heinz Bülter, Gunther Wittstock

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Evert Jonathan van den Ham (Inorganic and Physical Chemistry, Hasselt University, Hasselt, Belgium), Sven Gielis, Gilles Bonneux, Wouter Marchal, Felix Mattelaer, Christophe Detavernier, Marlies Van Bael, An Hardy

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Horacio Antonio Figueredo-Rodríguez (Energy Research Group, University of Southampton, Southampton, United Kingdom), Rachel McKerracher, Carlos Ponce de Leon

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Yuyang Hou (Intelligent Polymer Research Institute, University of Wollongong, Wollongong, Australia), Jiazhao Wang, Huakun Liu, Jun Chen

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Dong-Wan Kim (School of Civil, Environmental and Architectural Engineering, Korea University, Seoul, Korea), Gwang-Hee Lee, Seun Lee, Changhoon Choi, Joosun Kim, Hae-June Je, Byung-Kook Kim

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Ryo Kobayashi (Department of Frontier Materials and Function Engineering, Iwate University, Morioka, Iwate, Japan), Tatsuya Takeguchi, Yoshihiro Kadoma, Koichi Ui

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Alexander Kube (TT-ECE, German Aerospace Center, Stuttgart, Germany), Dennis Wittmaier, Norbert Wagner

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Jun Maruyama (Environmental Technology Research Division, Osaka Municipal Technical Research Institute, Osaka, Japan), Takahiro Hasegawa, Satoshi Iwasaki, Tomoko Fukuhara, Kohei Miyazaki

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Danea Medina (Analytical Chemistry – Center for Electrochemical, Ruhr-Universität Bochum, Bochum, Germany), Edgar Ventosa, Dulce Maria Morales Hernandez, Nikola Markovic, Justus Masa, Wolfgang Schuhmann

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Faruk Okur (Materials Science and Nanotechnology, Bilkent University, UNAM, Ankara, Turkey), Eda Yilmaz, Hamit Eren, Necmi Biyikli

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Mihui Park (Energy and Materials Engineering, Dongguk University, Seoul, Korea), Kyeongse Song, Yong-Mook Kang

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Mehmet Can Yagci (Materials Science and Nanotechnology, Bilkent Univ.- National Nanotechnology Research Center(UNAM), Ankara, Turkey), Bhushan Patil, Eda Yilmaz

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Shen Ye (Institute for Catalysis, Hokkaido University, Sapporo, Japan), Qiao Yu, Can Liu

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Andrey Chekannikov (Frumkin Institute of Physical Chemistry and Electrochemistry, Moscow, Russia), Roman Kapaev, Svetlana Novikova, Tatiana Kulova, Alexander Skundin, Andrey Yaroslavtsev

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Argyrios Karatrantos (Chemical Engineering, University of Surrey, Guildford, United Kingdom), Qiong Cai

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Shinichi Kumakura (Department of Applied Chemistry, Tokyo University of Science, Tokyo, Japan), Yoshiyuki Tahara, Kei Kubota, Shinichi Komaba

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Jesus Santos Pena (Lab PCM2E/ LRC, University of Tours, Tours, France), Barthelemy Aspe, Cecile Autret, Christine Damas, Benedicte Montigny

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Alexander Skundin (Processes in Batteries, 31, Leninskii Prospekt, Moscow, Russia), Tatiana Kulova, Andrey Chekannikov, Irina Stenina, Andrey Yaroslavtsev, A. Sobolev

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Ivan Tereshchenko (Department of Chemistry, Lomonosov Moscow State University, Moscow, Russia), Gregory Skorupsky, Oleg Drozhzhin, Evgeny Antipov

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Chunguang Chen (Department of Electrical Engineering, Eindhoven University of Technology, Eindhoven, Netherlands), Jie Xie, Ruediger-A. Eichel, P.H.L. Notten

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Markus Ding (Physical Chemistry, Karlsruher Institute of Technology, Helmholtz Institute Ulm, Ulm, Germany), Stephan Koch, Stefano Passerini

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Minato Egashira (College of Bioresource Sciences, Nihon University, Fujisawa, Japan), Kaori Hiratsuka, Kouki Matsubara, Keitaro Sodeyama, Yoshitaka Tateyama, Yasuhiro Akita, Kiyoshi Kanamura

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Chaopeng Fu (College of Chemistry and Chemical Engineering, Hunan University, Changsha, China), Yi Gong, Liang Chen, Yafei Kuang

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Ping He (College of Engineering and Applied Sciences, Nanjing Universtiy, Nanjing, China)

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Seung-Tae Hong (Energy Systems Engineering, DGIST, Daegu, Korea), Munseok Chae, Jongwook Heo, Sung-Chul Lim

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Hyun Soo Kim (Battery Research Center, KERI, Changwon, Korea), Seon-Min Kim, Sang-Min Lee

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Yong-Gun Lee (Energy Lab., Materials R&D Center, Samsung Advanced Institute of Technology, Samsung Electronics, Suwon, Korea), Saebom Ryu, Toshinori Sugimoto, Won-seok Chang, Hong Soo Choi

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Jessica Lueck (German Aerospace Center (DLR), Helmholtz Institute Ulm (HIU), Ulm, Germany), Timo Danner, Arnulf Latz

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Martin Mayo (Department of Physics, University of Cambridge, Cambridge, United Kingdom), Kent Griffith, Chris Pickard, Clare Grey, Andrew Morris

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Rachel McKerracher (Engineering & the Environment, University of Southampton, Southampton, United Kingdom), Alex Holland, Richard Wills

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Chanbum Park (Institut für Physik, Humboldt-Universität zu Berlin, Berlin, Germany), Joachim Dzubiella

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Paulina Polrolniczak (Department of Advanced Materials and Analytics, Institute of Non-Ferrous Metals Division in Poznan, Poznan, Poland), Krzysztof Wasinski, Mariusz Walkowiak, Piotr Nowicki, Robert Pietrzak

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Norbert Weber (Institute of Fluid Dynamics, Helmholtz-Zentrum Dresden - Rossendorf, Dresden, Germany), Wietze Herreman, Steffen Landgraf, Caroline Nore, Frank Stefani, Tom Weier

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Tom Weier (Institute of Fluid Dynamics, Helmholtz-Zentrum Dresden - Rossendorf, Dresden, Germany), Steffen Landgraf, Marco Starace, Frank Stefani, Norbert Weber

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Katharina Becker-Steinberger (Computational Electrochemistry, Helmholtz Institute Ulm for Electrochemical Energy Storage, Ulm, Germany), Stefanie Braun, Simon Schardt, Arnulf Latz

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Candace Chan (Materials Science and Engineering, Arizona State University, Tempe, USA), Ting Yang, Zachary Gordon

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Kiyoul Kim (4th R&D Institute, Agency for Defense Development, Daejeon, Korea), Yusong Choi

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Yingjia Liu (Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian, China), Jian Chen

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Yingjia Liu (Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian, China), Jian Chen

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Marco Schleutker (IEK-3, Forschungszentrum Jülich GmbH, Jülich, Germany), Carsten Korte, Detlef Stolten

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Lyubov Shmygleva (Department of Functional Inorganic Materials, IPCP RAS, Chernogolovka, Russia)

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Lyubov Shmygleva (Department of Functional Inorganic Materials, IPCP RAS, Chernogolovka, Russia)

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Chuang Yu (Reactor Institute Delft, Delft University of Technology, Mekelweg 15, Delft, Netherlands), Swapna Ganapathy, Niek Klerk, Ernst Eck, Marnix Wagemaker

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Chuang Yu (Reactor Institute Delft, Delft University of Technology, Mekelweg 15, Delft, Netherlands)

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Masahiro Toyoda (Applied Chemistry, Faculty of Engineering, Oita University, Oita, Japan), Yuuki Kanayama, Masatoshi Anai, Maki Hamaguchi, Toshinori Inoue, Taro Kinumoto, Tomoki Tsumura

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Bernard John Tongol (Chemistry, University of Santo Tomas, Manila, Philippines), Maria Krisandra Mendoza, Sangaraju Shanmugam, Hasuck Kim

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Majid Asnavandi (Science, UNSW, Sydney, Australia), Chuan Zhao

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Stefan Barwe (Analytical Chemistry, Center for Electrochemical Science, Ruhr-Universität Bochum, Bochum, Germany), Corina Andronescu, Justus Masa, Edgar Ventosa, Stefan Klink, Aziz Genç, Jordi Arbiol, Wolfgang Schuhmann

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Maryam Bayati (CEAM, Newcastle University, Newcastle, United Kingdom), Keith Scott

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Iveta Boshnakova (PEM Hydrogen Systems, Institute of Electrochemistry and Energy Systems, Sofia, Bulgaria), Elefteria Lefterova, Evelina Slavcheva

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Cornelia Broicher (Institute for Technical and Macromolecular Chemistry, RWTH Aachen University, Aachen, Germany), Jens Artz, Peter Hausoul, Stefan Palkovits, Regina Palkovits

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Janusz Flis (Department of Electrochemistry, Corrosion and Applied Surfac, Institute of Physical Chemistry PAS, Warsaw, Poland), Iwona Flis-Kabulska

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Iwona Flis-Kabulska (Department of Electrode Processes, Institute of Physical Chemistry PAS, Warsaw, Poland), Janusz Flis, Yong Sun, Arkadiusz Gajek, Magdalena Jaskolska, Tadeusz Zakroczymski

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Yasuhiro Fukunaka (Nanotechnology Research Center, Waseda University, Tokyo, Japan), Wataru Majima, Hisayoshi Matsushima, Takayuki Homma

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Fabrizio Ganci (Dipartimento di Ingegneria Chimica Gestionale Informatica e, Università di Palermo, Palermo, Italy), Rosalinda Inguanta, Salvatore Piazza, Carmelo Sunseri, Salvatore Lombardo

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Fabrizio Ganci (Dipartimento di Ingegneria Chimica Gestionale Informatica e, Università di Palermo, Palermo, Italy), Rosalinda Inguanta, Salvatore Piazza, Carmelo Sunseri, Salvatore Lombardo

Fabrication of Nanostructured Ni and Ni-IrO_2 electrodes for water-alkaline electrolyzer

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Lu Gao (Chemical Engineering and Chemistry, Eindhoven University of Technology, Eindhoven, Netherlands), Jan P. Hofmann, Shi-Gang Sun, Emiel J.M. Hensen

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Sina Hejazi (Department of Materials Science, WWIV-LKO, Friedrich-Alexander-Universität Erlangen-Nürnberg, Erlangen, Germany), Nhat Truong Nguyen, Anca Mazare, Patrik Schmuki

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Tanja Kallio (Department of Chemistry, Aalto University, Aalto, Finland), Fatemeh Davodi, Sami Tuomi, Maryam Borghei, Esko Kauppinen

Nitrogen functionalizes carbon nanotubes as efficient electrocatalysts for energy conversion applications

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Ferdi Karadas (Department of Chemistry, Bilkent University, Ankara, Turkey), Satya Vijaya Kumar Nune, Emine Ulker, Elif Pinar Alsac

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Soo-Kil Kim (School of Integrative Engineering, Chung-Ang University, Seoul, Korea), Ho Young Kim, Hyan Joo Park, Eunkyoung Hwang, Sang Hyun Ahn

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Sang Ha Lee (School of Chemical Engineering, Sungkyunkwan University, Suwon, Korea), Soochan Kim, Won Bin Kim, Misuk Cho, Youngkwan Lee

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Gerd Mutschke (Institue of Fluid Dynamics, Helmholtz-Zentrum Dresden - Rossendorf, Dresden, Germany), Jochen Fröhlich, Xuegeng Yang, Kerstin Eckert, Franziska Karnbach, Margitta Uhlemann, Dominik Baczyzmalski, Christian Cierpka

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Sandra Möller (Analytical Chemistry, Ruhr-Universität Bochum, Bochum, Germany), Justus Masa, Helmut Baltruschat, Wolfgang Schuhmann

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Boguslaw Pierozynski (Chemistry, University of Warmia and Mazury in Olsztyn, Olsztyn, Poland)

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Martin Rabe (Interface Chemistry and Surface Engineering, Max-Planck-Institut für Eisenforschung GmbH, Düsseldorf, Germany), Adnan Sarfraz, Andreas Erbe

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Maximilian Schalenbach (Department of Interface Chemistry and Surface Engineering, Max-Planck-Institut für Eisenforschung, Düsseldorf, Germany), Serhiy Cherevko, Marcelo Carmo, Wiebke Lueke, Detlef Stolten, Karl J.J. Mayrhofer

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Evelina Slavcheva (PEM Hydrogen Systems, Institute of Electrochemistry and Energy Systems, Sofia, Bulgaria)

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Camillo Spoeri (Department of Chemistry, Technical University of Berlin, Berlin, Germany), David P. Wilkinson, Peter Strasser

Iridium-Based Mixed Metal Oxides for Electrochemical Water Splitting with Excellent Stability

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Mohammad Tavakkoli (Department of Chemistry, School of Chemical Technology, Aalto University, Espoo, Finland), Tanja Kallio, Esko Kauppinen, Kari Laasonen

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Vinoth Ganesan (Department of Chemistry, Kongju National Univesity, Kongju, Korea), Sivaprakasam Rathakrishnan

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Anatoly Antipov (EMEE Laboratory, D. I. Mendeleev Russian University of Chemical Technology, Moscow, Russia), Mikhail Vorotyntsev

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Anatoly Antipov (EMEE Laboratory, D. I. Mendeleev Russian University of Chemical Technology, Moscow, Russia), Yury Tolmachev, Dmitry Konev, Alexander Modestov, Mikhail Vorotyntsev

The First Practical Flow Battery for Stationary Energy Storage, Fully Electric Vehicles and Direct Solar-To-Chemical Energy Conversion

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Craig Armstrong (Department of Chemistry, Lancaster University, Lancaster, United Kingdom), Kathryn Toghill

The Development of New Chemistries as Redox Active Electrolytes for Non-Aqueous Redox-Flow Batteries

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Ruiyong Chen (Joint Electrochemistry Lab, KIST Europe GmbH, Saarbruecken, Germany), Rolf Hempelmann

Redox Flow Battery Using Aqueous Ionic Liquids as Electrolyte for High-Voltage Operation

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Myounghoon Choun (School of Environmental Science and Engineering, Gwangju Institute of Science and Technology, Gwangju, Korea)

Electro-oxidation of Mixed Reactants of Ethanol and Formate on Pd/C in Alkaline Fuel Cells

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Alejandro N. Colli (Laboratoire d'Electrochimie Physique et Analytique (LEPA), École Polytechnique Fédérale de Lausanne (EPFL), Sion, Switzerland), Pekka Peljo, Hubert Girault

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Igor Derr (Institute for Chemistry and Biochemistry, FU Berlin, Berlin, Germany), Christina Roth

Degradation and countermeasures in all-Vanadium Redox Flow Batteries (VRFB)

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Olga Istakova (Department of Technology of Polymer Composite Paint, D.I. Mendeleev University of Chemical Technology of Russia, Moscow, Russia), Anatoly Antipov, Mikhail Vorotyntsev

Numerical Study of Transport Processes and Comproportionation Reaction in the Course of Bromate Electroreduction under Steady-State Conditions

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Muthu Krishna (Faculty of Engineering & the Environment, University of Southampton, Southampton, United Kingdom), Richard Wills

Developments in the Soluble Lead Flow Battery

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María Isabel León Sotelo (Departamento de Química, Universidad de Guanajuato, Guanajuato, Mexico), José L. Nava, Silvia Gutierrez-Granados

Numerical simulation of the hydrodynamics, mass transport, and current distribution in a redox flow battery Ce-V using carbon felt as electrodes

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Petr Mazur (New Technologies - Research Centre, University of West Bohemia Pilsen, Pilsen, Czech Republic), Jaromir Pocedic, Jiri Vrana, Jan Dundalek, Juraj Kosek, Jindrich Mrlik, Vojtech Svoboda

Optimization of graphite felt electrodes for redox flow batteries of various chemistries

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Petr Mazur (New Technologies - Research Centre, University of West Bohemia Pilsen, Pilsen, Czech Republic), Jaromir Pocedic, Jiri Vrana, Jan Dundalek, Juraj Kosek, Milos Svoboda

Electrochemical deposition of graphene oxide on graphite felts for vanadium redox flow battery

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Julia Melke (Freiburger Materialforschungszentrum, Albert-Ludwigs-Universität Freiburg, Freiburg, Germany), Joachim Langner, Michael Bruns, Alexei Nefedov, Frieder Scheiba, Ditty Dixon, Christof Wöll, Helmut Ehrenberg, Christina Roth

The Effect of Carbon Surface Properties on the Negative and Positive Half-Cell Reaction in all Vanadium Redox Flow Batteries

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Birgit Pichler (Institute of Chemical Engineering & Environmental Technology, Graz University of Technology, Graz, Austria), Stephan Weinberger, Viktor Hacker

Design of bifunctional air electrodes for Zn/air redox flow batteries

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Jaromir Pocedic (New Technologies - Research Centre, University of West Bohemia, Pilsen, Czech Republic), Jan Dundalek, Jiri Vrana, Milan Solik, Milos Toulec, Petr Mazur, Juraj Kosek

Experimental study and mathematical modeling of shunt currents in RFB stack

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Joaquin Rodriguez Lopez (Department of Chemistry, University of Illinois at Urbana-Champaign, Urbana, USA), Elena Montoto, Shaoyi Qian, Nagarjuna Gavvalapalli, Kevin Cheng, Jarrod Milshtein, Teng-Sing Wei, Rylan Dmello, Vinay Iyer, Kyle Smith, Fikile Brushett, Jennifer Lewis, Jeffrey S. Moore

Versatile Macromolecular Design for Emerging Size-Selective Non-Aqueous Redox Flow Batteries

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Francesca Rubertelli (Process Technologies, Renewable Energy and Environmental R&D Center - eni SpA, Novara, Italy), Alessandra Tacca, Gabriella Tozzola, Fabio Oldani, Lino Carnelli

The influence of different ligands on the electrochemistry of iron for redox flow battery application

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Stefan Rümmler (Institut für Chemie, Martin-Luther-Universität Halle-Wittenberg, Halle, Germany), Dennis Przygodda, Mark Hartmann, Matthias Steimecke, Sabine Schimpf

Functionalized carbon nanotubes as electrode material in all-vanadium redox-flow batteries

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Waltraud Taucher-Mautner (Institute for Chemistry and Technology of Materials, Graz University of Technology, Graz, Austria), Elisabeth Domian

Studies of the Spinel $NiCo_2O_4$ as Bifunctional Oxygen Catalyst for the Zinc/Air Redox Flow Battery

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Yonggang Wang (Department of Chemistry, Fudan University, Shanghai, China), Xiaoli Dong, Long Chen

Environmentally-friendly Aqueous Li (or Na)-ion Battery with Fast Electrode Kinetics and Super-long Life

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Claudia Weidlich (Electrochemistry, DECHEMA-Forschungsinstitut, Frankfurt, Germany), Klaus-Michael Mangold, Philipp Pyka

In situ SOC-monitoring at a VRFB test stand

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Christian Zelger (Institute for Chemistry and Technology of Materials, Graz University of Technology, Graz, Austria), Jennifer Laumen, Andreas Laskos, Bernhard Gollas

Rota-Hull Cell Study on Pulse Charging of Zinc/Air Redox Flow Batteries

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Rasol Abdullah Mirzaie (Dept. of Chemistry, Shahid Rajaee Teacher Training University, Tehran, Iran)

Study of Using Chronoamperometry and Cyclic Voltammetry Techniques Together for Platinum Eletrodepositon as an Electrocatalyst for Oxygen Reduction Reaction at Low Temperature Fuel Cell Systems

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Rasol Abdullah Mirzaie (Dept. of Chemistry, Shahid Rajaee Teacher Training University, Tehran, Iran)

Study of Layer by Layer Electrodeposited Platinum–nickel Electrocatalyst as Anode for Glucose Biofuel Cell

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Bincy George Abraham (Department of Chemical Engineering, Indian Institute of Technology Madras, Chennai, India), Raghuram Chetty

Pt Electrodeposited on Optimized TiO_2 Nanotube Support for Methanol Oxidation in Direct Methanol Fuel Cell

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Juan Carlos Abrego-Martínez (Sistemas Electroquímicos de Energía, CIDETEQ, Pedro Escobedo, Mexico), Youling Wang, Janet Ledesma-García, Gerardo Arriaga, Mohamed Mohamedi, Francisco Mherande Cuevas-Muñiz

Ag/Pt/CP Prepared by PLD as Electrocatalyst for Oxygen Reduction in Methanol Presence

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Juan Carlos Abrego-Martínez (Sistemas Electroquímicos de Energía, CIDETEQ, Pedro Escobedo, Mexico), Luis Humberto Mendoza-Huízar, Janet Ledesma-García, Gerardo Arriaga, Francisco Mherande Cuevas-Muñiz

Electrochemical Deposition of a Methanol and Ethanol Tolerant PtAg Catalyst for ORR

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Noé Arjona (Science and Technology, CIDETEQ, Tijuana, Mexico), Oscar Ambriz-Peláez, L. Alvarez-Contreras, M. Guerra-Balcázar, Janet Ledesma-García, Gerardo Arriaga

Electrocatalytic Activity of Pd Nanocubes Nanocatalyst for the Ethylene Glycol Electrooxidation Reaction

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Antony Cyril Arulrajan (Mesa+ Institute of Nanotechnology, University of Twente, Enschede, Netherlands), Stanley C.S. Lai

Probing the role of mass transport in the electrocatalytic pathways

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Sergey Belenov (Chemistry, Southern Federal University, Rostov-on-Don, Russia), Vasiliy Pryadchenko, Vasiliy Srabionyan, Leon Avakyan, Lusegen Bugaev, Natalya Tabachkova, Serezha Kirakosyan, Vadim Volochaev, Anastasia Alekseyenko, Vladimir Guterman

Post-treatment of Pt-Cu/C electrocatalysts with uneven distribution of metals in nanoparticles – evolution of structure and activity

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Sergey Belenov (Chemistry, Southern Federal University, Rostov-on-Don, Russia), Anastasia Alekseyenko, Yelizaveta Moguchikh, Irina Gerasimova, Vladimir Guterman, Vladislav Menshchikov, Vadim Volochaev, Natalya Tabachkova

New approach to the synthesis of Pt/C catalysts for low temperature fuel cells

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Mariem Belhadj (Syspol, LRGP-Univ-Lorraine-CNRS, Nancy, France)

New European Driving Cycle for assessment of GDL durability in PEMFC's

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Arno Bergmann (Department of Chemistry, Technische Universität Berlin, Berlin, Germany), Henrike Schmies, Stefanie Kühl, Jakub Drnec, Guanxiang Wang, Vijay K. Ramani, Peter Strasser

An in situ XRD and SAXS Study of the Morphological Stability of Platinum Nanoparticles on Oxide Supports for Oxygen Reduction Reaction

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Caroline Bonnet (Université de Lorraine, Laboratoire Réactions et Génie des Procédés, Nancy, France)

GDL ex-situ and in-situ accelerated stress tests

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Camila Canales (Quimica Inorgánica, Pontificia Universidad Catolica de Chile, Santiago, Chile)

Morphological and Raman characterization of electrodes modified with supramolecular assemblies of metalloporphyrins. Study towards dioxygen reduction reaction

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Mitsuharu Chisaka (Graduate School of Science and Technology, Hirosaki University, Hirosaki, Japan), Noriaki Itagaki, Yusuke Yamamoto

Active Site for Oxygen Reduction Reaction on Carbon-Support-Free Titanium Oxynitride Catalysts in Acidic Media

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Chang Hyuck Choi (Department of Interface Chemistry and Surface Engineering, Max-Planck-Strasse 1, Düsseldorf, Germany), Karl J.J. Mayrhofer

Degradation of Fe-N-C Catalysts Induced by Radical Oxygen Species

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Myounghoon Choun (School of Environmental Science and Engineering, Gwangju Institute of Science and Technology, Gwangju, Korea)

Formic acid/Formate Oxidation Behavior on Nobel Metal Catalyst

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Adalgisa De Andrade (Chemistry Department, University of São Paulo- FFCLRP-USP, Ribeirão Preto, Brazil), Rodrigo Da Silva, Teko Napporn, Koaukou Boniface Kokoh

Synthesis of Palladium-based Nanomaterials using Self-assembly Strategy for Direct Alcohols Oxidation in Alkaline Medium

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Adeline Delvaux (Division of Materials and Process Engineering, Université Catholique de Louvain, Louvain-la-Neuve, Belgium)

Improvement of Bubble Detachment and Overpotential during Hydrogen Evolution on De-alloyed Nickel electrodes

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Monika Drakselová (Department of Inorganic Technology, University of Chemistry and Technology Prague, Prague, Czech Republic), Roman Kodym, Dalimil Snita, Karel Bouzek

Local distributions of mass and charge in an industrial scale high temperature PEM fuel cell stack by 3D mathematical model

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Victor Emets (Electrocatalysis, Frumkin Institute of Physical Chemistry and Electrochemistry, Moscow, Russia), Vitali Grinberg, Igor Ponomarev, Natalia Mayorova, Eugene Nizhnikovskiy

Hydrogen-air fuel cells with polyheteroarylene-based membranes and commercial Nafion membrane

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Lucia Fernandez Macia (Department of Materials and Chemistry, Vrije Universiteit Brussel, Brussels, Belgium), Dries Van Laethem, Thomas Collet, Johan Deconinck, Annick Hubin

The Ionic Conductivity and Electrochemical Impedance of Acceptor Doped Ceria: an Experimental and Finite Element Modeling

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Heidi Frøkiær (Dep. of Chemical Eng., Biotechnology and Environmental Tech., University of Southern Denmark, Odense, Denmark), Shuang Ma Andersen

Silicon Carbide with Different Morphologies as Catalyst Support for HT-PEMFC

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Hiroshi Fukunaga (Materials and Chemical Engineering Course, Shinshu University, Ueda, Japan), Kanshi Kushibiki, Iori Shimada, Mitsumasa Osada, Nobuhide Takahashi

Effect of Solvent to Microstructure of Metal-free Carbon Cathode Using Silk-derived Activated Carbon for PEFC

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Hiroto Furukawa (Department of Materials Science and Technology, Nagaoka University of Technology, Nagaoka, Japan), Haruki Takada, Shoji Tanaka, Sayoko Shironita, Minoru Umeda

Redox Properties of CO_2 at Pt-based Electrodes in H_2SO_4 Solution

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Irã B.C. Gallo (Físico-Química, Instituto de Química, UNESP, Araraquara, Brazil), Emilia A. Carbonio, Hebe de las Mercedes Villullas

Influence of Au Content on the Activity of PdAu Nanoalloys for Oxygen Reduction in Alkaline Medium

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Armando Gennaro (Department of Chemical Sciences, University of Padova, Padova, Italy), Luca Picelli, Valentina Perazzolo, Roberto Pilot, Alessandro Martucci, Valerio Causin, Christian Durante

Chemical and Electrochemical Properties of Mesoporous Carbon Nitride suitable for Oxygen Reduction Reaction

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Keyla Godoi (Centro de Ciências Naturais e Humanas, Universidade Federal do ABC, Santo André, Brazil), Rejane Silva, Hugo Barbosa Suffredini

Pt/C Catalyst for application in oil/water interface electrochemistry

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Doris Grumelli (INIFTA, La Plata , Argentina), Santiago Herrera, Diana Hoetger, Eva Pensa, Klaus Kern, Rico Gutzler

Improving the catalysis for O_2 reduction reaction mediated by Fe- phtalocyanine on Au(111): vapor deposition in ultra-high vacuum vs adsorption from solution

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Byungchan Han (Chemical & Biomolecular Engineering, Yonsei University, Seoul, Korea), Jeemin Hwang, Seunghyo Noh

Design of Highly Performing Catalysts Towards Oxygen Redox Reaction in Acidic and Alkaline Media with Non-precious Materials

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Anayantzin Hernández (Energía, Cinvestav, Saltillo, Mexico), Francisco-Javier Rodriguez-Varela, Maria E. Sanchez-Castro

Nanostructured Graphene Supported Pt-$MTiO_3$ (M = Ni, Co) Catalyst for the Oxygen Reduction Reaction in Alkaline Media

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Jin-Song Hu (Key Laboratory of Molecular Nanostructure and Nanotechnology, Institute of Chemistry, Chinese Academy of Sciences, Beijing, China), Zidong Wei, Li-Jun Wan

Highly Active Non-Precious Metal Nanocatalysts for Oxygen Reduction

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Tsutomu Ioroi (Research Institute of Electrochemical Energy, AIST, Ikeda, Japan)

Activity and Stability of Sub-Stoichiometric Titanium Oxide Supported Platinum-Transition Metal Alloy Catalyst for PEFCs

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Akimitsu Ishihara (Institute of Advanced Sciences, Yokohama National University, Yokohama, Japan), Makoto Hamazaki, Yuko Tamura, Takaaki Nagai, Masashi Matsumoto, Hideto Imai, Koichi Matsuzawa, Shigenori Mitsushima, Ken-ichiro Ota

Oxygen reduction activity of Nb doped TiO_2 single crystal model electrodes as non-platinum cathodes for PEFC

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Primoz Jovanovic (Laboratory for Materials Chemistry, National Institute of Chemistry, Ljubljana, Slovenia), George Polymeros, Jan-Philipp Grote, Buddha Shrestha, Nejc Hodnik, Aleksandar Zeradjanin, Nadiia Kulyk, Karl J.J. Mayrhofer, Miran Gaberscek

Floating Cell for Proton Exchange Membrane Fuel Cell and Electrolyser Catalyst Layer Investigation

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Yu Kakizawa (Interdisciplinary Graduate School of Medicine and Engineerin, University of Yamanashi, Kofu, Japan), Kazuhiro Takanohashi, Masahiro Ihara, Yuzo Nagumo, Takashi Ohno, Adrien Lamibrac, Felix Buechi, Akihiro Iiyama

Oxygen Partial Pressures inside Gas Diffusion Layer of Polymer Electrolyte Fuel Cell during Power Generation

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Ilena Kaltenboeck (Institute of Chemical Engineering and Environmental Techn., Graz University of Technology, Graz, Austria), Bernd Cermenek, Christoph Grimmer, Viktor Hacker

A passive, membrane-less and platinum-free direct ethanol fuel cell

s07-085

Petri Kanninen (Department of Chemistry, Aalto University, Espoo, Finland), Nguyen Dang Luong, Le Hoang Sinh, Hua Jiang, Jukka Seppälä, Tanja Kallio

Highly Active Platinum Nanoparticles Supported by Nitrogen/Sulfur Dual-Doped Graphene Composite for Ethanol Electro-Oxidation

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Masaru Kato (Faculty of Environmental Earth Science, Hokkaido University, Sapporo, Japan), Marika Muto, Ichizo Yagi

Non-Precious Metal Electrocatalysts with Multinuclear Copper Active Sites for the Oxygen Reduction Reaction

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Alexander Keeler (School of Chemistry, University of Southampton, Southampton, United Kingdom), Andrea Russell

Transferring the SERS effect from Au SSV substrates to Pt Nanoparticles

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Seungjib Yum (Green Materials Research Group, Central Research Park, Kolon Industries, INC., Yongin-Si, Korea), Dong Hoon Lee, Eun-Su Lee, Nayoung Kim, Moo-Seok Lee

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Bharathi Konkena (Analytical Chemistry, Center for Electrochemical Sciences, Ruhr-Universität, Bochum, Germany), Wolfgang Schuhmann, Justus Masa, Alexander J.R. Botz, Ilya Sinev, Wei Xia, Jörg Koßmann, Ralf Drautz, Martin Muhler

Metallic Nickel Phosphorus Trisulfide Ultrathin Nanosheets as Highly Efficient and Stable Electrocatalyst for the Oxygen Evolution Reaction

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Nadiia Kulyk (Department of Interface Chemistry and Surface Engineering, Max-Planck-Institut für Eisenforschung GmbH, Düsseldorf, Germany), Serhiy Cherevko, Karl J.J. Mayrhofer

Transient Platinum Dissolution: Macro-Kinetic Simulation

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Styven Lankiang (IC2MP - UMR CNRS 7285, University of Poitiers, Poitiers, France), Stève Baranton, Christophe Coutanceau

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Andreas Lesch (Laboratory of Physical and Analytical Electrochemistry, Ecole Polytechnique Federale de Lausanne, EPFL Valais Wallis, Sion, Switzerland), Victor Costa Bassetto, Hubert Girault

Mass production of electrocatalysts and catalyst layers for energy conversion by inkjet printing

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Xiao Lin (Department of Chemical Engineering and Biotechnology, University of Cambridge, Cambridge, United Kingdom), Tian Sheng, Zhaoyang Chen, P. Hu, Shi-Gang Sun, Y. Q. Chu, C. A. Ma, Wen-Feng Lin

Tungsten Carbides Based Core-Shell Catalysts for Direct Methanol Fuel Cell Application

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Jianguo Liu (College of Engineering and Applied Sciences, Nanjing University, Nanjing, China), Zhigang Zou, Congping Wu

CeO_2 Doped FeN_x/C Catalyst with Enhanced Durability toward Oxygen Reduction Reaction

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Chi-Yang Liu (Materials Science and Engineerin, National Cheng Kung University, Tainan, Taiwan), Shu-Yi Tsai, Chung-Ta Ni, Kuan-Zong Fung

Influence of Phase Transformation on crystal structure and electrical properties of $La_{0.7}Sr_{0.3}VO_3$-

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Chi-Yang Liu (Materials Science and Engineering, National Cheng Kung University, Tainan, Taiwan), Shu-Yi Tsai, Chung-Ta Ni, Kuan-Zong Fung

Influence of Sodium and Potassium ions doped strontium vanadate as anode materials for solid oxide fuel cell

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Felix P. Lohmann (Chemical Department, Leibniz Institute of Surface Modification (IOM), Leipzig, Germany), Patricia Schulze, Olga Naumov, Maximilian Wagner, Bernd Abel, Aron Varga

Facile, Scalable Synthesis of Platinum-CNT Composite Electrocatalyst for Solid Acid Fuel Cells

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Yaxiang Lu (Department of Chemical and Process Engineering, University of Surrey, Guildford, United Kingdom), Qiong Cai, Kathrin Preuss, Maria-Magdalena Titirici

Halloysite-Derived N-Doped Porous Carbon Nanosheets as Efficient Metal-Free Oxygen Reduction Electrocatalysts

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Frédéric Maillard (LEPMI, CNRS, Saint Martin d'Hères, France), Laetitia Dubau

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Eftychia Martino (Chemical Engineering, University of Patras, Patras, Greece), Michalis Athanasiou, George Kilias, Alexandros Katsaounis, John Tsamopoulos, Constantinos Vayenas

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J. Maya-Cornejo (Electrochemistry, Centro de Investigación y Desarrollo Tecnológico en Electro, Queretaro, Mexico), M. P. Gurrola, M. Guerra-Balcázar, F. J. Rodríguez-Valadez, Noé Arjona, Gerardo Arriaga

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Jadra Mosa (Institute of Ceramic and Glass, CSIC, Madrid, Spain), P.G. Escribano, C. del Rio, E. Morales, Mario Aparicio

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Yoshihiro Mugikura (Energy Engineering Research Laboratory, Central Research Institute of Electric Power Industry, Yokosuka, Japan), Kenji Yasumoto, Hiroshi Morita, Tohru Yamamoto, Masahiro Yoshikawa

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Yuta Nakai (Department of Frontier Materials and Function Engineering, Iwate University, Morioka, Japan), Tatsuya Takeguchi, Yoshihiro Kadoma, Koichi Ui

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Abu Bakr Nassr (School of Chemsitry, University of Southampton, Southampton, United Kingdom), Vinod Kumar Puthiyapura, Dan Brett, Christopher Hardacre, Andrea Russell

The effect of a hydrophobic barrier on butanol electrooxidation at Pt and PtSn electrocatalysts

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Abu Bakr Nassr (Institute of Advanced Technology and New Materials, City for Scientific Research and Technology Applications, Alexandria, Egypt), Ahmed Al-Hakemy, Ahmed Naggar, Mohamed El-Nouby, Hesham Soliman, Mahmoud Taher

Electrodeposited mono and binary nanostructured transition metal oxides as electrocatalysts for oxygen reduction reaction

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Stylianos Neophytides (Institute of Chemical Engineering Sciences, Foundation for Research and Technology-Hellas, Patras, Greece), Eirini Zagoraiou, Nivedita Shroti, Fotis Paloukis, Maria Daletou

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Dimitris Niakolas (FORTH/ICE-HT, FORTH/ICE-HT, Patras, Greece), Charalampos Neofytidis, Stylianos Neophytides

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Jun Hwan Paik (Department of Chemical Engineering, Inha University, Incheon, Korea), Hyeonji Choi, Yongsug Tak

Preparation of Pt-Co Cathode of Polymer Electrolyte Membrane Fuel Cell Prepared by Sequential Electrodeposition Method

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Valentina Perazzolo (Department of Chemical Science, University of Padova, Padova, Italy), Christian Durante, Gian Andrea Rizzi, Gaetano Granozzi, Armando Gennaro

Nitrogen and Sulphur Doped Mesoporous Carbon as Support for Platinum Nanoparticles

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George Polymeros (Department of Interface Chemistry and Surface Engineering, Max-Planck-Institut für Eisenforschung GmbH, Düsseldorf, Germany), Claudio Baldizzone, Simon Geiger, Jan-Philipp Grote, Stefano Mezzavilla, Serhiy Cherevko, Aleksandar Zeradjanin, Karl J.J. Mayrhofer

Improving the Electrocatalytic Stability of PEMFCs: High Temperature and Electrode Morphology Investigations

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Vinod Kumar Puthiyapura (School of Chemistry and Chemical Engineering, Queen's University Belfast, Belfast, United Kingdom), Andrea Russell, Dan Brett, Wen-Feng Lin, Christopher Hardacre

Sn modified Pt Bimetallic Catalyst for Butanol Oxidation Reaction

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Maria Roca-Ayats (Structure and Reactivity, Institute of Catalysis and Petrochemistry. CSIC, Madrid, Spain), Enrico Pizzutilo, Simon Geiger, Gonzalo García, Mª Victoria Martínez-Huerta, Karl J.J. Mayrhofer

On the Stability of Titanium Carbonitride Supported Platinum Catalysts under Electrochemical Conditions

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Maria Roca-Ayats (Structure and Reactivity, Institute of Catalysis and Petrochemistry. CSIC, Madrid, Spain), Gonzalo García, Olmedo Guillén-Villafuerte, Miguel Soler-Vicedo, Mª Jesús Lázaro, Elena Pastor, Mª Victoria Martínez-Huerta

Promotional Effect of a Titanium Carbonitride Support for the Ethanol Oxidation Reaction

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Francisco-Javier Rodriguez-Varela (Nanoscience and Nanotechnology, Centro de Investigacion y de Estudios Avanzados del IPN, Ramos Arizpe, Mexico), Adriana Siller-Ceniceros, Maria E. Sanchez-Castro, Jose Torres-Lubian, Diana Morales-Acosta, Eduardo Martinez-Guerra

Synthesis of novel Pt electrocatalysts supported on graphene functionalized with Ru-compounds (Pt/G) to enhance the catalytic activity for the Methanol Oxidation Reaction (MOR)

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Anna Ryabova (icpees UMR 7515, University of Strasbourg, Strasbourg, France), Antoine Bonnefont, Galina Tsirlina, Elena Savinova

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Monica Santamaria (Electrochemical Materials Science Laboratory, DICAM, University of Palermo, Palermo, Italy), Claudio Maria Pecoraro, Francesco Di Franco, Francesco Di Quarto

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Albert Serrà (Materials Science and Physical Chemistry, University of Barcelona, Barcelona, Spain), Elvira Gómez, Elisa Vallés

Facile and Effective Electrochemical Synthesis of Mesoporous Co-based Nanorods Using Ionic Liquid Microemulsions with High Electrochemically Surface Areas and Enhanced Electrocatalytic Activity for Methanol Oxidation

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Albert Serrà (Materials Science and Physical Chemistry, University of Barcelona, Barcelona, Spain), Joan Vilana, Elvira Gómez, Elisa Vallés

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Ryo Shimizu (Interdisciplinary Graduate School of Medicine & Engineeri, University of Yamanashi, Kofu, Japan), Yoko Sakiyama, Jun Takano, Shunsuke Itami, Masato Kusakabe, Kenji Miyatake, Akihiro Iiyama, Makoto Uchida

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Adriana Siller (Nanoscience and Nanotechnology, Centro de Investigacion y de Estudios Avanzados del Ipn, Saltillo, Mexico), Maria E. Sanchez-Castro, Jose Torres-Lubian, Diana Morales-Acosta, Eduardo Martinez-Guerra, Francisco-Javier Rodriguez-Varela

Functionalization of Vulcan with Ru-compounds: novel Pt-Ru interactions to enhance the catalytic activity of Pt/C electrocatalyst for the Methanol Oxidation Reaction (MOR)

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Olli Sorsa (Department of Chemistry, Aalto University, Espoo, Finland), Tanja Kallio, Davide Bergna, Ulla Lassi

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Eva-Maria Steyskal (Institute of Materials Physics, Graz University of Technology, Graz, Austria), Christopher Wiednig, Norbert Enzinger, Roland Würschum

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Dennis Sun (Catalyst Materials Research, Automotive Fuel Cell Cooperation, Burnaby, Canada), Jennie Eascott, Dorina Manolescu, Sharon Chen, Natalia Kremliakova

Facile post-treatments for Improving carbon corrosion resistance of Pt/HSAC in proton exchange membrane fuel cells

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Angel Tamariz (Facultad de Química, Universidad Nacional Autónoma de México, Ciudad de México, Mexico), Jorge Uribe-Godínez, Verónica García, Omar Jiménez-Sandoval

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Yuko Tamura (Engineering, Yokohama National University, Yokohama, Japan), Akimitsu Ishihara, Takaaki Nagai, Koichi Matsuzawa, Shigenori Mitsushima, Ken-ichiro Ota

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Edson A. Ticianelli (Departaamento de Fisico Quimica, Instituto de Quimica de Sao Carlos - USP, São Carlos, Brazil), Guilherme Gonçalves de Aquino Saglietti, Massimiliano Lo Faro, Antonino S. Aricò

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Aide M. Torres-Huerta (CIAMS, Instituto Politecnico Nacional, CICATA Unidad Altamira, Mexico, Mexico), Esther Ramírez-Meneses, Miguel A. Domínguez-Crespo, María G. Ponce-Varela, María A. Hernández-Pérez, I. Betancourt, E. Palacios-Gonzalez

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Simon A. Tschupp (Electrochemistry Laboratory, Paul Scherrer Institut, Villigen PSI, Switzerland), Sandra Elisabeth Temmel, Noemí Poyatos Salguero, Thomas Justus Schmidt

An alternative system to the rotating disk: design, performance, and modelling

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Sami Tuomi (Department of Chemistry, Aalto University, Espoo, Finland)

Analysis of the hydrogen evolution reaction mechanism on Mo_2C nanoparticles by pH method

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Jorge Uribe-Godínez (Inorganic Chemistry, Institute of Chemistry, UNAM, Mexico City, Mexico), Verónica García-Montalvo, Omar Jiménez-Sandoval

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Hebe de las Mercedes Villullas (Físico-Química, Instituto de Química - UNESP, Araraquara - SP, Brazil), Gabriel M. Alvarenga, Elisete A. Batista, Irã B.C. Gallo

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Tao Wang (Chemistry Department, Xiamen University, Xiamen, China), Zhi-Xing Chen, Tian Sheng, Zhi-You Zhou, Hai-Ping Xia, Shi-Gang Sun

Immobilizing Pyridine Derivative on Pt to Enhance H2S and CO Tolerance For Hydrogen Oxidation

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Pei Wang (Institut für Chemie, Martin-Luther-Universität Halle-Wittenberg, Halle, Germany), Katarzyna Kulp, Christian Kulp

Synthesis of hierarchical CNT-CNT composites as catalyst support for application in electrocatalysis

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Klaus Wippermann (IEK-3, Forschungszentrum Jülich, Jülich, Germany), Jürgen Wackerl, Susanne Kuhri, Carsten Korte, Werner Lehnert

Influence of the Water Content in Proton Conducting Ionic Liquids on the Double Layer Capacitance and Oxygen Reduction Kinetics on Platinum

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Chumeng Wu (Engneering, Yokohama National University, Yokohama, Japan), Akimitsu Ishihara, Takaaki Nagai, Koichi Matsuzawa, Shigenori Mitsushima, Ken-ichiro Ota

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Zhaoxiong Xie (Department of Chemistry, Xiamen University, Xiamen, China), Qiaoli Chen, Yanyan Jia, Zhenming Cao

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Robert Zacharias (Institute of Chemical Engineering and Environmental Techn., Graz University of Technology, Graz, Austria), Grimmer Christoph, Grandi Maximilian, Hacker Viktor

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Ismail Abidat (Chemistry, IC2MP, Poitiers, France), Emmanuelle Cazayus, Claudia Morais, Clément Comminges, Teko Napporn, David Portehault, Olivier Durupthy, Aurélien Habrioux, Corinne Chanéac, Kouakou Boniface Kokoh

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Bapi Bera (Department of Energy Science and Engineering, Indian Institute of Technology Bombay, Mumbai, India)

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Déborah Chery (Chemistry, UPMC, Le Kremlin-Bicêtre, France)

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Christian Gutsche (Energy and Semiconductor Research Laboratory, University of Oldenburg, Oldenburg, Germany)

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Dulce Maria Morales Hernandez (Analytical Chemistry, Center for Electrochemical Sciences, Ruhr-Universität Bochum, Bochum, Germany), Justus Masa, Corina Andronescu, Yasin Ugur Kayran, Zhenyu Sun, Wolfgang Schuhmann

Few Layer Graphene Modified with N4-Metallomacrocyclic Complexes as Bifunctional Catalyst for Reversible Oxygen Electrodes

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Alexandr Oshchepkov (ICPEES UMR 7515, University of Strasbourg, Strasbourg, France), Antoine Bonnefont, Viktoriia Saveleva, Valentin Parmon, Elena Savinova

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Toshiaki Yamaguchi (Inorganic Functional Materials Research Institute, National Institute of AIST, Nagoaya, Japan), Hiroyuki Shimada, Haruo Kishimoto, Tomohiro Ishiyama, Ryosuke Atsumi, Yoshinobu Fujishiro

Electrochemical Promotion of Co-Electrolysis of CO_2 and H_2O ~ Highly Effective Methanation Electrolysis Cell ~

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Pawel Jezowski (Institue of Chemistry and Technical Chemistry, Poznan University of Technology, Poznan, Poland), Paulina Bujewska, Krzysztof Fic, François Béguin

Expansion of activated carbon electrode during EDL charging in various salt aqueous electrolytes

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Monchai Jitvisate (Nanoionics, MESA+ Institute for Nanotechnology, University of Twente, Enschede, Netherlands), James R. T. Seddon

The Role of Band-bending on the Double Layer Capacitance at Room Temperature Ionic Liquid/Carbon Interfaces

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Anton Volkov (Laboratory of Organic Electronics, ITN, Linköping University, Norrköping, Sweden), Kosala Wijeratne, Evangelia Mitraka, Klas Tybrandt, Magnus Berggren, Xavier Crispin, Igor V. Zozoulenko

The model for capacitive charging of conducting polymers

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Samia Amara (Matériaux, CEA Le Ripault, University of Tours, Monts, France), Mérièm Anouti, Laure Timperman, Joël Toulc'Hoat, Agnès Biller, Hervé Galiano

Comparative Study of Electrolytes Containing Sodium or Potassium Salts for Activated Carbon-Based Supercapacitor.

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Anthony Rennie (Department of Chemical & Biological Engineering, University of Sheffield, Sheffield, United Kingdom), Vitor L. Martins, Roberto M. Torresi, Peter Hall

Electrochemical Stability in Ionic Liquid based EDLCs

Hybrid systems

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Qamar Abbas (Institute of Chemistry and Technical Electrochemistry,, Poznan University of Technology, Berdychowo 4, 60-965, Poznan, Poland), Patryk Przygocki, François Béguin

Low temperature performance of hybrid supercapacitors in aqueous electrolyte

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Ilona Acznik (Department of New Technologies for Energy Storage, Institute of Non-Ferrous Metals Division in Poznan, Poznañ, Poland), Katarzyna Lota, Agnieszka Sierczynska

Reduced Graphite Oxide as Electrode Material for High-Energy Storage Systems

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Arenst Andreas Arie (Chemical Engineering, Parahyangan Catholic University, Bandung, Indonesia), Hans Kristianto, Martin Halim, Joong Kee Lee

Biomass based Activated Carbons as Cathode Materials for Li Ion Capacitors

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Pawel Jezowski (Institue of Chemistry and Technical Chemistry, Poznan University of Technology, Poznan, Poland), Krzysztof Fic, Olivier Crosnier, Thierry Brousse, François Béguin

Lithium-ion capacitor based on in-situ pre-lithiation of graphite electrode by lithium rhenium oxide

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Simon Lindberg (Physics, Chalmers, Gothenburg, Sweden), Florian Nitze, Aleksandar Matic

High energy-density hybrid supercapacitors: Combining high-voltage window ionic liquids with MnO_2-nanomaterials

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Krzysztof Wasinski (Deparment of Advanced Materials and Analytics, Institute of Non-Ferrous Metals Division in Poznan, Poznan, Poland), Paulina Polrolniczak, Mariusz Walkowiak

Sodium manganese oxides as electrode materials in hybrid supercapacitor

Materials for electrochemical capacitors

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Abd Almonam Baleg (Chemistry, University of the Western Cape, Cape town, South Africa), Nazeem Jahed, Emmanuel Iwuoha

Synthesis and Characterization of Graphene Stabilized Conducting Dendritic Star Copolymer for Supercapacitor Systems

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Vinoth Ganesan (Department of Chemistry, Kongju National University, Kongju, Korea), Parthiban Ramasamy, Jong-soo Lee

Copper Germanium Selenide Nanosheets for Electrochemical Supercapacitors

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Tao Li (College of Materials Science and Engineering, Donghua University, Shanghai, China), Zongyi Qin, Banglei Liang, Dandan Jin

One-pot Synthesis and Electrochemical Properties of Polyaniline Nanofibers by Tuning Acid-base Property of Reaction Medium

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Banglei Liang (College of Material Science and Engineering, Donghua University, Shanghai, China), Zongyi Qin, Tao Li

Polyaniline Nanofibers Prepared under Flowing Condition for Electrochemical Energy Storage

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Katarzyna Lota (Central Laboratory of Batteries and Cells, Institute of Non-ferrous Metals Department in Poznan, Poznan, Poland), Ilona Acznik, Agnieszka Sierczynska, Grzegorz Lota

Capacitance Properties of Polypyrrole/Carbon Nanotubes Composites

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Katarzyna Lota (Central Laboratory of Batteries and Cells, Institute of Non-ferrous Metals Department in Poznan, Poznan, Poland), Ilona Acznik, Agnieszka Sierczynska, Grzegorz Lota

The Capacitance Properties of Activated Carbon Obtained From Polysaccharides as the Electrode Material for Electrochemical Capacitors

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Helena Matabosch Coromina (School of Chemistry, University of Nottingham, Nottingham, United Kingdom), Darren A. Walsh

Activated Carbon Nanotube Electrodes for Simultaneously High-Energy/High-Power Supercapacitors

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Zongyi Qin (College of Materials Science and Engineering, Donghua University, Shanghai, China), Pengfei Qian, Tao Li, Banglei Liang, Dandan Jin

Composite Nanofibers by Coating Polypyrrole on The Surface of Polyaniline Nanofibers Formed in Presence of Phenylenediamine as Electrode Materials in Neutral Electrolyte

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Adam Slesinski (Institute of Chemistry and Technical Electrochemistry, Poznan University of Technology, Poznan, Poland), Adam Kolodziej, Krzysztof Fic, Elzbieta Frackowiak

Chitin as a binder for electrochemical capacitor electrode

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Zhaohui Wang (Department of Materials Chemistry-The Angström Laboratory, Uppsala University, Uppsala, Sweden), Petter Tammela, Maria Strømme, Leif Nyholm

Nanocellulose Composites for Soft Capacitive Storage

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Yue Xu (Department of Applied Chemistry, Tianjin University, Tianjin, China), Ying Tao, Xiaoyu Zheng, Hongyun Ma, Jiayan Luo, Feiyu Kang, Quan-Hong Yang

Metal-free Composite Electrode for Supercapacitor with a Super High Volumetric Capacitance

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Peng Yan (College of Materials Science and Chemical Engineering, Harbin Engineering University, Harbin, China), Guiling Wang, Sainan Yang

FeOOH electrodeposited on Ag decorated ZnO nanorod for electrochemical energy storage

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Alberto Adán-Mas (Centro de Química Estrutural CQE, Instituto Superior Técnico, University of Lisbon, Lisboa, Portugal), Raquel Duarte, Teresa María Silva, Liliane Guerlou-Demourgues, M. Fatima Montemor

Investigation of Electrodeposited Composites of Nickel and Cobalt Hydroxides with Electrochemically Reduced Graphene Oxide for Redox Capacitor Applications.

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Chung-Hsien Chuang (Department of Chemical Engineering, National Taiwan University, Taipei, Taiwan), Sheng-Siang Huang, Bing-Yi Shih, Yu-Ting Weng, Nae-Lih Wu

Novel Ti_4O_7 /MnO_2 Pseudocapacitive Composite for High Energy Density and Stability Supercapacitor

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Xiaoxia Liu (Chemistry Department, Northeastern University, Shenyang, China), Yu Song

Electrochemical Partial Exfoliation of Graphene and its Integration with Pseudocapacitive Materials

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Milla Suominen (Department of Chemistry, University of Turku, Turku, Finland), Pia Damlin, Carita Kvarnström

Capacitance Properties of Polyazulene in Ionic Liquids

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Kush Upadhyay (Chemical Engineering, Instituto Superior Tecnico, Lisbon, Portugal), Tuyen Nguyen, M. Fatima Montemor

Electrodeposited MoO_x as an Anode Material for Redox Supercapacitor Application

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Chao-hong Wang (Department of Chemical Engineering, #168, University Road, Min-Hsiung, Taiwan), Han-peng Tsai

Fabrication of $(Co,Ni)(OH)_2$ by hydrolysis using ZnO nanorods as a template for high-performance supercapacitor

s08-031

Kai Wang (Institute of Electrical Engineering, Chinese Academy of Sciences, Beijing, China), Xiong Zhang, Yanwei Ma

High Performance Flexible, Solid-state Supercapacitors

Supercapacitor

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Abdulhamit Aydin (Electrochemistry, Technische Universität Chemnitz, Chemnitz, Germany), Rudolf Holze, Nora Younadam

Improved Supercapacitor Electrode Performance of Electrodeposited Nickel Hydroxide by Addition of Surfactants

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Nicolas Jäckel (Energy Materials, INM- Leibniz Institute for New Materials, Saarbrücken, Germany), Daniel Weingarth, Anna Schreiber, Benjamin Krüner, Marco Zeiger, Aura Tolosa, Mesut Aslan, Volker Presser

Performance evaluation of conductive additives for supercapacitors

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Tae-Ho Kim (Center for membranes, Korea Research Institute of Chemical Technology, Daejeon, Korea), Jae Hee Han, Byoung Gak Kim

Macroporous Carbon Materials with High Surface Area Derived from PIM-1 for Electrochemical Energy Storage

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Jeng-Yu Lin (Department of Chemical Engineering, Tatung University, Taipei City, Taiwan), Tsung-Wu Lin, Chao-Shuan Dai, Ting-Ti Tsai, Shu-Wei Chou, Hsin-Hui Shen

Advanced asymmetric supercapacitor based on cobalt sulfide/3D graphene composite and graphene hydrogel

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Anna Lisowska-Oleksiak (Chemistry and Technology of Functional Materials, Gdansk University of Technology, Gdansk, Poland), Mariusz Szkoda, Katarzyna Siuzdak, M. Sawczak, Konrad Trzcinski

Electrochemical Characterization of PEDOT:PSS Electrodeposited onto Hydrogenated TiO_2 Nanotubes/$BiVO_4$ Electrodes

s08-037

Antonio Angel Moya (Physics, University of Jaén, Jaén, Spain)

Interpretation of High-Frequency Electrochemical Impedances of Commercial Electric Double Layer Capacitors

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Tamás Pajkossy (Interfaces, Institute of Materials and Environmental Chemistry, Budapest, Hungary)

Characterization of CNT layers by EIS of multisine perturbation

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Antonia Stoyanova (Nanoscaled Materials, Institute of Electrochemistry and Energy Systems, Sofia, Bulgaria), Galya Ivanova, Mladen Mladenov, Raicho Raicheff

MnO_2–based Nanocomposites as Electrode Materials for Hybrid Supercapacitor Systems in Aqueous Electrolyte

s08-040

Chau Cam Hoang Tran (Indre-et-Loire, François Rabelais University, Tours, France), Jesus Santo-Pena, Christine Damas

Synthesis of mesoporous MnO_2 by alkene oxidation using soft template for electrochemical energy storage

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Chau Cam Hoang Tran (Indre-et-Loire, François Rabelais University, Tours, France), Jesus Santo-Pena, Christine Damas

Synthesis of MnO_2 by electrodeposition using hard template electrochemical energy storage

s08-042

Joshua Whittam (Chemistry, University of Southampton, Southampton, United Kingdom), Andrew Hector

The Application of Titanium Nitride in Supercapacitors.

s08-043

Hongyao Xu (College of Materials Science and Engineering, Donghua University, Shanghai, China), Shanyi Guang, Shuishui Gong, Gang Wei

The Influence of Chemical Functionalization of Graphene on Morphology Structure and Performance of Ordered Nanostructured Three-dimensional (3D) Array Polyaniline-graphene Composites with High Electric Capacity

s08-044

Zhigang Zeng (Department of Physics, Shanghai University, Shanghai, China), Xiaobo Shi, Erjuan Guo, Xiao Long

All-solid-state micro-supercapacitors based on hierarchical manganese oxide interdigitated electrodes

Symposium 9 Capacitive Electrodes for Environmental Technology

Capacitive deionization

s09-001

Yi An Chen (Graduate Institute of Environmental Engineering, National Taiwan University, Taipei, Taiwan), Chia-Hung Hou

Improved Desalination Performance of Bio-treated Domestic Wastewater Effluent Using Asymmetric Capacitive Deionization for Water Reuse

s09-002

Hagai Cohen (Mechanical Engineering, Technion, Haifa, Israel), Shaked Ein Eli, Matthew Suss

Hybrid suspension electrodes: combining fluidized beds and slurries

s09-003

Yang Gui (Materials Science and Engineering, National University of Singapore, Singapore, Singapore)

Study on the removal of lead (II) (Pb^{2+}) ions from semiconductor industrial waste water using combined electroplating and capacitive desalination

s09-004

Eric Guyes (Faculty of Mechanical Engineering, Technion Israel Institute of Technology, Haifa, Israel), Amit Shocron, Maarten Biesheuvel, Matthew Suss

Flow-Through Electrode Capacitive Deionization Theory and Experiments

s09-005

Jae Kwang Lee (Research Institute for Solar and Sustainable Energies, Gwangju Institute of Science and Technology, Gwangju, Korea), Tuan Ngoc Trinh, Sangho Chung, Hansaem Jang, Jaeyoung Lee

The activated carbon electrode from waste coffee grounds for capacitive deionization

s09-006

Tania Mubita (Environmental Technology, Wetsus, Wageningen University, Leeuwarden, Netherlands), Jouke Dykstra, Slawomir Porada, Albert van der Wal, Maarten Biesheuvel

Dynamic Theory of Ion Adsorption in Porous Carbon Electrodes

s09-007

Alexandra Rommerskirchen (Chemical Process Engineering, DWI - Leibniz Institute for Interactive Materials, Aachen, Germany), Burkhard Ohs, Karl Hepp, Robert Femmer

Modelling Flow-electrode Capacitive Deionization

s09-008

Luis Ruotolo (Chemical Engineering, Federal University of Sao Carlos, Sao Carlos, Brazil), Julio Lado, Rafael Zornitta, Mariana Martins, Felipe Calvi

Study of the Impact of Surface Oxygen Groups and Electrode Pore Size Distribution on the CDI Performance

s09-009

Jihyun Yu (School of Chemical and Biological Engineering, Seoul National University (SNU), Seoul, Korea), Taeyoung Kim, Junil Kang, Kyusik Jo, Jeyong Yoon

Initial Microbial Adhesion and Biofilm Formation in Capacitive Deionization Process

Electrochemical transformation of micropollutants

s09-010

Ruiter Morais (College of Pharmacy, Federal University of Goiás, Goiânia, Brazil), Luane Garcia, Mariângela Santiago, Cassiano Pacheco, Gérman Sanz Lobon, Eric Gil

Anodic Remediation of Estrogen 17α-Ethinylestradiol

Environmental technology

s09-011

Demetra S. Achilleos (Department of Chemical Engineering, Massachusetts Institute of Technology, Cambridge, USA), T. Alan Hatton

Pseudocapacitive Separation Technology based on Molecular Selectivity

s09-012

Soliu O. Ganiyu (Geomaterials and Environment, Universite Paris Est Marne La Vallee, Marne La Vallee, France), Thi-Xuan-Huong Le, Mikhael Bechelany, Eric Van Hullebusch, Mehmet A. Oturan, Marc Cretin

Synthesis, characterization and application of self-catalyzed layered double hydroxide coated carbon-felt cathode in electro-Fenton's degradation of organic pollutants

s09-013

Jorge Juárez-Gómez (Centro Conjunto de Investigación en Química Sustentable, Universidad Autónoma del Estado de México, Toluca, Mexico), Gabriela Roa-Morales, Patricia Balderas-Hernandez, Maria Teresa Ramirez-Silva, Mario Romero-Romo

Electrochemical Determination of Mercury ions in Samples Treated With Allium Cepa and its comparison with UV-Vis spectroscopy

s09-014

Juan Manriquez (Dept. of Research, CIDETEQ, Pedro Escobedo, Mexico), Saacnhitee Murcio-Hernández, Silvia-Viridiana-Aideé Munguía-Galván, Tzayam Pérez-Segura, Silvia Gutierrez-Granados, Gilberto Carreño-Aguilera, José de Jesús Pérez-Bueno, Julieta Torres-González, Adrián Rodríguez-García

Electrochemical mineralization of synthetic human urine contained in alkaline aqueous solution and the simultaneous H_2 generation from an electrolysis cell containing a Ni(II)cyclam-modified nanoporous TiO_2 anode and a Pt cathode

s09-015

Marilia Pupo (Process Engineer, Tiradentes University, Aracaju, Brazil), Letícia Silva, Géssica Santos, Katlin Eguiluz, Giancarlo Salazar-Banda

DSA synthesis using a thermal decomposition method applying ionic liquid – a study on the influence of heating rate

s09-016

Giancarlo Salazar-Banda (Post-Graduação em Engenharia de Processos, Universidade Tiradentes, Aracaju, Brazil), Tarciso Santos, Carlos Alberto Martinez-Huitle, Katlin Eguiluz

Highly active Ti/$(RuO_2)_x$–$(Sb_2O_5)_y$ anodes synthetized by ionic liquid-thermal decomposition method

s09-017

Francesca Soavi (Dipartimento di Chimica, University of Bologna, Bologna, Italy), Alexey Serov, Catia Arbizzani, Plamen Atanassov, Carlo Santoro

Microbial Fuel Cell Integrated with Self-Powered Supercapacitor

Mixed capacitive-Faradaic processes

s09-018

Jürgen Fuhrmann (Numerical Mathematics and Scientific Computing, Weierstrass Institute, Berlin, Germany), Christian Merdon

A Thermodyanamically Consistent Numerical Approach to Nernst-Planck-Poisson Systems with Volume Constraints

s09-019

Xiao Su (Chemical Engineering, Massachusetts Institute of Technology, Cambridge, USA), T. Alan Hatton

Asymmetric Pseudocapacitors for Environmental Separations and Water Remediation: Targeting Contaminants of Emerging Concern

Porous electrode theory

s09-020

Ben Erné (Physical and Colloid Chemistry, Debye Inst. Nanomater. Sci., Utrecht University, Utrecht, Netherlands)

Calorimetry of Electric Double Layer Formation at CDI Electrodes

s09-021

Ruediger Mueller (Thermodynamics and Phase Transitions, Weierstrass Institute, Berlin, Germany), Wolfgang Dreyer, Clemens Guhlke

New insights into Butler-Volmer kinetics from thermodynamic modeling

Porous electrodes

s09-022

Zeliha Ertekin (Chemistry, Hacettepe University, Ankara, Turkey), Kadir Pekmez

Characterization of electrosynthesized coloured TiO_x thin films electrodes

Resource recovery from water

s09-023

Li-Ching Chung (Material and Chemical Research Laboratories, Industrial Technology Research Institute (ITRI), Hsinchu, Taiwan), Po-I. Liu, Hsin Shao, Teh-Ming Liang, Min-Chao Chang, Ren-Yang Horng

Microwave-assisted synthesis of nanocrystalline layered double hydroxide/activated carbon electrode material for the selective electrosorption of phosphate ion

Symposium 10 Electroactive, Functionalized and Nanostructured Materials and Composites: Modern Trends in Synthesis and Applications

(Electro)catalysis

s10-001

Gema Cabello (Department of Chemistry, Federal University of São Carlos, São Carlos, Brazil), Rogério A. Davoglio, Ernesto C. Pereira, Sonia R. Biaggio

Microwave-Assisted Hydrothermal Synthesis of Pt/Au Bimetallic Nanoparticles for Methanol Electro-Oxidation

s10-002

Richard Doyle (MicroNanoSystems Centre, Tyndall National Institute, Cork, Ireland)

Bifunctional Oxygen Catalysis at Thin Layer Iron Oxide Microelectrode Arrays

s10-003

Daniel Escalera López (School of Chemical Engineering, University of Birmingham, Birmingham, United Kingdom), Yubiao Niu, Jin Yin, Richard E. Palmer, Neil Rees

Magnetron-sputtered Ni-doped MoS_2 nanoclusters for the hydrogen evolution reaction

s10-004

Simon Geiger (Department of Interface Chemistry and Surface Engineering, Max-Planck-Institut für Eisenforschung GmbH, Düsseldorf, Germany), Olga Kasian, Buddha Shrestha, Andrea M. Mingers, Karl J.J. Mayrhofer, Serhiy Cherevko

Improving Utilization of Catalysts for Acidic Water Splitting: Electrochemically Formed High-Surface-Area Iridium Oxides

s10-005

Burkhard Hecker (Department of Chemistry, University of Oldenburg, Oldenburg, Germany), Isaac Adjei Safo, Mehtap Oezaslan

Reactivity and Selectivity of Nanoporous Copperfor the Electrochemical CO_2 Reduction

s10-006

Yan-Xia Jiang (Department of Chemistry, Xiamen University, Xiamen, China), Xi-Ming Qu, Bin-Wei Zhang, Shi-Gang Sun

Synthesis of PtPb nanodendrites with enhanced activity for electrooxidation of formic acid

s10-007

Song-Zhu Kure-Chu (Department of Chemistry and Bioengineering, Iwate University, Morioka, Japan), Takuto Kawahara, Hiroki Sasaki, Hitoshi Yashiro, Kuniaki Sasaki

Nanoporous Ni-Pd/Al_2O_3 Composite Films on Al as Catalytic Electrodes in Ethanol Oxidation for Direct Ethanol Fuel Cells

s10-008

Christoph Mechler (NanoEnergieTechnikZentrum (NETZ), University of Duisburg-Essen, Duisburg, Germany), Galina Marzun, Sebastian Kohsakowski, Philipp Wagener, Stephan Barcikowski

Deposition of Laser-Ablated Nickel Nanoparticles on Titanium Dioxide by Electrostatic Interaction

s10-009

Shiva Mohajernia (Department of Materials Science, WWIV-LKO, Friedrich-Alexander-Universität Erlangen-Nürnberg, Erlangen, Germany), Anca Mazare, Patrik Schmuki

Self-organized, free-standing TiO_2 nanotube membranes: Effect of different ions on flux through membranes

s10-010

Shiva Mohajernia (Department of Materials Science, WWIV-LKO, Friedrich-Alexander-Universität Erlangen-Nürnberg, Erlangen, Germany), Anca Mazare, Patrik Schmuki

Permeation characteristics of self-organized, free-standing TiO_2 nanotube membrane

s10-011

Sara Morandi (Chemistry, Università degli Studi di Milano, Milano, Italy), Vladimiro Dal Santo, Cristina Locatelli, Francesco Malara, Alessandro Minguzzi, Alberto Naldoni, Sandra Rondinini, Alberto Vertova

Design, Screening and Performances of Innovative Hematite/Overlayers Architectures

s10-012

Justyna Orlowska (Faculty of Chemistry, University of Warsaw, Warsaw, Poland), Iwona A. Rutkowska, Pawel J. Kulesza

Development of Efficient Semi-Solid Redox Electrolytes/Charge Mediators through Incorporation of Nobel Metal Nanoparticles to Iodine/Iodide Ionic Liquids

s10-013

Ali Riza Ozkaya (Department of Chemistry, Marmara University, Istanbul, Turkey)

Electrochemical Redox and Electrocatalytic Properties of Dinuclear Ball-type Phthalocyanines

s10-014

Athanasios Papaderakis (Department of Chemistry, Laboratory of Physical Chemistry, Aristotle University of Thessaloniki, Thessaloniki, Greece), Sotiris Sotiropoulos, Stella Balomenou, Dimitrios Tsiplakides

Ir-Ni and IrO_x-Ni electrode coatings prepared by a galvanic replacement process for electrochemical water splitting

s10-015

Ursa Petek (Laboratory for Materials Chemistry, National Institute of Chemistry, Ljubljana, Slovenia), Francisco Ruiz-Zepeda, Primoz Jovanovic, Martin Sala, Vid Simon Selih, Jonas Pampel, Tim-Patrick Fellinger, Marjan Bele, Miran Gaberscek

Single Atoms of Pt on Porous Nitrogen-Doped Carbon for Electrocatalysis

s10-016

Morten Gildsig Poulsen (Department of Chem. Eng., Biotech. and Environ. Tech., University of Southern Denmark, Odense, Denmark)

Tungsten Carbide Prepared by Self-Propagating High-Temperature Synthesis as a Catalyst Support Material in Proton Exchange Membrane Fuel Cells

s10-017

F. Javier Recio (Departamento de Química Inorgánica, Pontificia Universidad Católica de Chile, Santaigo de Chile, Chile), César Zúñiga, Venegas Ricardo, Jose H. Zagal

Study of the formal potential of the pyrolyzed catalysts as reactivity index for ORR in basic media.

s10-018

Mojtaba Safari (Electrochemical Research Group, Hafdaran Research Centre, Tehran, Iran, Tehran, Iran)

Voltammetric Detection of perphenazine on a functionalized Multiwall Carbon Nanotube modified electrode

s10-019

Nedjeljko Seselj (Department of Chemistry, Technical University of Denmark, Kgs. Lyngby, Denmark), Jens Ulstrup, Jingdong Zhang

Graphene Supported Au-Pt Core-Shell Catalyst Electrocatalysis for Formic Acid Oxidation

s10-020

Zbigniew Stojek (Faculty of Chemistry, University of Warsaw, Warsaw, Poland), Marcin Mackiewicz, Marcin Karbarz

Chemical and Electrochemical Properties of Novel Environmentally Sensitive Microcomposites

s10-021

Hui Sun (New Energy Research Institute, China University of Petroleum, Beijing, Beijing, China), Xingyu Ma, Haixia Su, Xin Zhang

Electrochemical method proucde N-rGO with enhanced HER performance

s10-022

Giovanni Valenti (Chemistry G. Ciamician, University of Bologna, Bologna, Italy), Alessandro Boni, Tiziano Montini, Paolo Fornasiero, Maurizio Prato, Francesco Paolucci

Driving the selectivity of electrochemical CO_2 reduction to formic acid: synergic effects in a C-based heterostructure

s10-023

Zhiyuan Wang (Fundamental Electrochemistry (IEK-9), Forschungszentrum Jülich GmbH, Jülich, Germany), Hermann Tempel, Peter Jakes, Svitlana Eurich, L.G.J. de Haart, Hans Kungl, Ruediger-A. Eichel

Lanthanum – Strontium - Iron - Perovskites as Catalysts for OER in alkaline media

s10-024

Shu Yang (Chemistry, University of Strasbourg, Strasbourg, France), Antoine Bonnefont, Laurent Ruhlmann

Electrocatalytic reduction of NO_x on polyoxometalate-stabilized nanoparticles

s10-025

Dejin Zang (Dept. of Chemistry, University of strasbourg, Strasbourg, France), Antoine Bonnefont

RGO/Polyoxometalates@Pt Functionalized Electrodes for Improved Electrocatalytic Hydrogen Production

Electroactive polymer

s10-026

Lisa Akerlund (Engineering Sciences, Uppsala University, Uppsala, Sweden), Rikard Emanuelsson, Martin Sjödin, Maria Strømme, Adolf Gogoll

Quinone based conducting redox polymers for renewable energy storage

s10-027

Cíntia Corrêa (Chemical institute, Universidade de São Paulo, São Paulo, Brazil), Roberto M. Torresi, Tânia Benedetti

Electrochemical and Chromogenic Behavior of Poly(Ionic Liquid) Functionalized with Viologen

s10-028

Yutaka Harima (Graduate School of Engineering, Hiroshima University, Higashi-Hiroshima, Japan), Jun Yano, Ichiro Imae

Thermoelectric Performances of Graphene/Polyaniline Composites Electrosynthesized by a Facile One-Step Process

s10-029

Oana Hosu (Department of Analytical Chemistry, Iuliu Hatieganu University of Medicine and Pharmacy, Cluj Napoca, Romania), Madalina Barsan, Cecilia Cristea, Robert Sandulescu, Christopher Brett

New Poly(Methylene Blue) Nanostructured Films from Deep Eutectic Solvents: Synthesis, Characterization and Application

s10-030

Hao Huang (Department of Engineering Sciences, Uppsala University, Uppsala, Sweden), Christoffer Karlsson, Maria Strømme, Adolf Gogoll, Martin Sjödin

Interaction of Polymer Backbone and Pendant Group in Conducting Redox Polymers

s10-031

Dmitry Konev (EMEE, MUCTR, Moscow, Russia), Olga Istakova, Olga Sereda, Maria Shamraeva, Mikhail Vorotyntsev

Spectroelectrochemistry in the Course of Mg (II) Porphine Polymerization as a Way to Determine the Molecular Structure of Forming Electroactive Polyporphine Film

s10-032

Dmitry Konev (EMEE, MUCTR, Moscow, Russia), Olga Istakova, Dinara Khairullina, Mikhail Vorotyntsev

Influence of Various Solvents on the Electropolymerization Process of Mg (II) Porphine and Properties of Electroactive Polyporphine Films

s10-033

Alexander Nekrasov (Russian Academy of Sciences, A.N. Frumkin Inst. of Physical Chemistry & Electrochemistry, Moscow, Russia), Oxana Gribkova, Olga Iakobson, Viktor Ivanov, Anatoly Vannikov

Raman Spectroelectrochemical Study of Polyaniline Doped with Polymeric Sulfonic Acids of Different Structure

s10-034

Alex Palma-Cando (Macromolecular Chemistry, Bergische Universität Wuppertal, Wuppertal, Germany), Gunther Brunklaus, Ullrich Scherf

Thiophene-Based Microporous Polymer Networks via Chemical or Electrochemical Oxidative Polymerization

s10-035

Martin Pfaffeneder-Kmen (Department of Physical Chemistry, Vienna, Austria), Wolfgang Kautek, Günter Trettenhahn

Localized Reduction and Patterning of Graphene OxideA Scanning Electrochemical Microscope Study

s10-036

Morten Gildsig Poulsen (Department of Chem. Eng., Biotech. and Environ. Tech., University of Southern Denmark, Odense, Denmark)

Improved Durability of Proton Exchange Membrane Fuel Cell Electrocatalytic Layers by Introduction of Tin Dioxide Particles by an Ion Exchange Process

s10-037

Sebastien Rolle (Institut de Chimie Moléculaire de l'Université de Bourgogne, Université de Bourgogne, Dijon, France), Dominique Lucas, Charles H. Devillers, Christine Stern, Dmitry Konev, Mikhail Vorotyntsev, Ksenia V. Lizgina, Olivier Heintz, Frédéric Herbst

Synthesis and characterization of new conducting polymers derived from cobalt porphine

s10-038

Mia Sterby (Department for Engineering Sciences, Uppsala University, Uppsala, Sweden), Rikard Emanuelsson, Maria Strømme, Adolf Gogoll, Martin Sjödin

Linker Effect in PEDOT/Quinone Organic Battery Materials

s10-039

Janno Torop (Institute of Technology, University of Tartu, Tartu, Estonia), Daria Nevstrueva, Kirill Murashko, Veiko Vunder, Alvo Aabloo, Mika Mänttäri, Juha Pyrhönen, Tuomas Koiranen

Electroactive and Capacitive Ionogel Actuators from Natural Cellulose

s10-040

Janno Torop (Institute of Technology, University of Tartu, Tartu, Estonia), Alvo Aabloo, Edwin Jager

Electroactive Polypyrrole/Carbide-derived Carbon Hybrid Materials

s10-041

Li Yang (Engineering Sciences, Uppsala University, Uppsala, Sweden), Xiao Huang, Martin Sjödin, Adolf Gogoll, Maria Strømme

Terephthalate-functionalized Conducting Redox Polymers for Energy Storage

Electrodeposition

s10-042

Salem Boudinar (Physics, University of Mouloud Mammeri, Tizi-Ouzou, Algeria), Nassima Benbrahim, Baya Benfedda, Abdelaziz Kadri, Eric Chainet, Lamia Hamadou

Effect of the nanoporous alumina thickness on the synthesis of Mn-Bi nanowires

s10-043

Agnieszka Brzózka (Institute of Chemistry and Technical Electrochemistry, Poznan University of Technology, Poznan, Poland), Anna Brudzisz, Grzegorz Sulka

Simple and Inexpensive Electrochemical Method of the AAO Template Preparation for Synthesis of Nanomaterials

s10-044

Sayantan Das (Faculty of Chemical Technology, Univerzita Pardubice, Pardubice, Czech Republic), Milos Krbal, Hanna Sopha, Jan M. Macak

Electrochemical deposition of Cu(In,Ge)Se_2 semiconducting materials in self-organized anodic TiO_2 nanotubes

s10-045

Humberto Gomez (Instituto de Quimica, Pontificia Universidad Catolica de Valparaiso, Valparaiso, Chile), Francisco Catano, Ana Burgos

Electrodeposited ZnO Nanorods as electron transporting material in organic-inorganic perovskite based solar cells

s10-046

Elvira Gómez (Química Física, University of Barcelona, Barcelona, Spain), Luca Magagnin, Andrea Oriani, Paula Cojocaru, Elisa Vallés

Aluminium Electrodeposition from a Novel Hydrophobic Ionic Liquid

s10-047

Tathagata Kar (Department of Energy Science and Engineering, Indian Institute of Technology Bombay, Mumbai, India), Ruttala Devivaraprasad

Electrodeposition and reduction of Graphene Oxide in Aqueous Electrolytes

s10-048

Fernando Miguel (Fundamental Chemistry, Instituto de Química, Universidade de São Paulo, São Paulo, Brazil), Tânia Benedetti, Susana Cordoba de Torresi, Roberto M. Torresi

QCM-D Studies of Polypyrrole Influence on Structure Stabilization of β phase of $Ni(OH)_2$ Nanoparticles During Electrochemical Cycling

s10-049

Marek Mooste (Institute of Chemistry, University of Tartu, Tartu, Estonia), Elo Kibena-Põldsepp, Margus Marandi, Leonard Matisen, Väino Sammelselg, Kaido Tammeveski

Characterization of Gold Electrodes Electrografted with Anthraquinone Groups Using the Rotating Disk Electrode Method

s10-050

Emilio Navarrete (Instituto de Química, Pontificia Universidad Católica de Valparaiso, Curauma, Chile), Victor Rojas, Javier Roman, Mario Romero, Rodrigo Henríquez, Ricardo Schrebler, Ricardo Córdova, Eduardo Muñoz

Study About Electrostatic Deposition of CdTe Quantum Dots on Glassy Carbon Electrodes.

s10-051

Leszek Zaraska (Department of Physical Chemistry and Electrochemistry, Faculty of Chemistry, Jagiellonian University in Krakow, Krakow, Poland), Dominika Gilek, Karolina Gawlak, Marian Jaskula, Grzegorz Sulka

Anodic formation of crack-free multilayered nanoporous tin oxides

s10-052

Leszek Zaraska (Department of Physical Chemistry and Electrochemistry, Faculty of Chemistry, Jagiellonian University in Krakow, Krakow, Poland), Krystyna Mika, Karolina Syrek, Grzegorz Sulka

ZnO nanowire arrays grown by simple anodic oxidation of Zn in bicarbonate electrolytes

s10-053

Ridha Zerdoumi (Department of Chemistry, University of Biskra, Biskra, Algeria), Ali Ourari, Ramiro Ruiz-Rosas, Emilia Morallón

The Effect of the Pulse Parameters on the Deposition of Platinum Nanoparticles on a Glassy Carbon-supported Catalyst for Ethanol Electro-oxidation

Energy applications

s10-054

Seyyed Mohsen Beladi Mousavi (Institute of Chemistry of New Materials, University of Osnabrück, Osnabrück, Germany)

Towards an Ultrafast Organic Energy Storage Material: Polyviologen / Reduced Graphene Oxide Nanocomposite

s10-055

Ana Burgos (Instituto de Química, Pontificia Universidad Católica de Valparaíso, Valparaíso, Chile)

Pulsed electrodeposition of tin sulfide thin films from dimethyl sulfoxide solutions

s10-056

Christine Cachet-Vivier (Institut de Chimie et des Matériaux Paris-Est, Université Paris-Est Créteil - CNRS, Thiais, France), Stéphane Bastide, Claudia Zlotea, Yassine Oumellal, Michel Laurent, Michel Latroche

Influence of nanosizing on hydrogen electrosorption properties of rhodium nanoparticles/carbon composites

s10-057

Jean-Daniel Compain (Institut de Chimie, Université de Strasbourg, Strasbourg, France), Dejin Zang, Laurent Ruhlmann

Hybrid Polyoxometalate / Porphyrin Modified Electrodes for Photocurrent Generation

s10-058

Stefan Dilger (Materials for Energy Conversion, Empa: Swiss Federal Lab. for Materials Sci. and Tec., Dübendorf, Switzerland), Steve Landsmann, Corsin Battaglia, Simone Pokrant

Increasing Conductivity with Carbon Nanotubes and Graphene Oxide in Composite Particle-based Photoanodes for Solar Water Splitting

s10-059

Aliasghar Ensafi (Chemistry, Isfahan University of Technology, Isfahan, Iran)

Preparation of Three-Dimensional Ruthenium Oxide/Exfoliated Graphene Oxide Based on Etching of Layered Double Hydroxides, Application for Hydrogen Evolution Reaction

s10-060

Ramón M. Fernández-Domene (Ingeniería Química y Nuclear, Universitat Politécnica de València, Valencia, Spain), Rita Sánchez-Tovar, Bianca Lucas-Granados, José García-Antón

Effect of rotation velocity during anodization on the photocatalyticperformance of WO3 nanoplatelets

s10-061

Ramón M. Fernández-Domene (Ingeniería Química y Nuclear, Universitat Politécnica de València, Valencia, Spain), Rita Sánchez-Tovar, Bianca Lucas-Granados, José García-Antón

Photostability of tree-like WO_3 nanoplatelets globular clusters

s10-062

Sang-Beom Han (Chemical Engineering, Soongsil University, Seoul, Korea), Da-Hee Kwak, In-Ae Choi, Hyun-Suk Park, Jin-Young Park, Si-Jin Kim, Min-Cheol Kim, Kyung-Won Park

Enhanced Oxygen Reduction Reaction of Electrodeposited Nanoporous PtY Alloy Electrodes

s10-063

Imgon Hwang (Department of Materials and Engineering, FAU, WW4-LKO, Erlangen, Germany), Seulgi So, Anca Mazare, Patrik Schmuki

Single-walled TiO_2 Nanotubes: Enhanced Carrier-transport Properties by TiCl4-treatment

s10-064

Si-Jin Kim (Chemical Engineering, Soongsil University, Seoul, Korea), Min-Cheol Kim, Gyu-Ho Lee, Hui-Seon Choe, Da-Hee Kwak, Sang-Beom Han, Sang-Hyun Moon

Titanium oxide coated Li_2MnO_3 cathode materials for lithium-ion batteries

s10-065

Min-Cheol Kim (Department of Chemical Engineering, Soongsil University, Seoul, Korea), Si-Jin Kim, Sang-Beom Han, Da-Hee Kawk, Gyu-Ho Lee, Hui-Seon Choe, Sang-Hyun Moon

Improved electrochemical properties of shape controlled Cu_2O nanostructures as anodes for lithium-ion batteries

s10-066

Bianca Lucas-Granados (Ingeniería Química y Nuclear, Universidad Politécnica de Valencia, Valencia, Spain), Bianca Lucas-Granados, Rita Sánchez-Tovar, Ramón M. Fernández-Domene, José García-Antón

Effect of the annealing atmosphere and temperature on new iron oxide nanostructures

s10-067

Bianca Lucas-Granados (Ingeniería Química y Nuclear, Universidad Politécnica de Valencia, Valencia, Spain), Rita Sánchez-Tovar, Ramón M. Fernández-Domene, José García-Antón

Evaluation of the morphology of iron based photoelectrodes anodized at different rotation speeds

s10-068

Selda Ozkan (Department of Materials Science, WW4-LKO, University of Erlangen-Nuremberg, Erlangen, Germany), Anca Mazare, Robert Hahn, Isotta Cerri, Patrik Schmuki

Synthesis and Characterization of Self-organized Spaced TiO_2 NTs

s10-069

Elisa Sechi (Ingegneria Meccanica, Chimica e dei Materiali, Università degli Studi di Cagliari, Cagliari, Italy), Michele Mascia

Hybrid PANI/PSi electrodes: preparation and photocurrent performances at different wavelength

s10-070

Hyunwoong Seo (Information Science and Electrical Engineering, Kyushu University, Fukuoka, Japan), Min-Kyu Son, Sota Tanami, Naho Itagaki, Kazunori Koga, Masaharu Shiratani

Catalytic Activation of Polymer Composite Catalyst for Photochemical Solar Cells

s10-071

Dheeraj Kumar Singh (Chemistry and Physics of Materials Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru, India), Katla Sai Krishna, Srinivasan Harish, Srinivasan Sampath, Muthusamy Eswaramoorthy

No More HF: Teflon-Assisted Ultrafast Removal of Silica to Generate High-Surface-Area Mesostructured Carbon for Enhanced CO_2 Capture and Supercapacitor Performance

s10-072

Joanna Swider (Faculty of Chemistry, Jagiellonian University, Krakow, Poland), Molenda Marcin

Optimization of Carbon Sources for Enhancing Conductivity and Electrochemical Properties of CCL/$LiFePO_4$ Composites

s10-073

Rita Sánchez-Tovar (Ingeniería Química y Nuclear, Universidad Politecnica de Valencia, Valencia, Spain), Rita Sánchez-Tovar, Ramón M. Fernández-Domene, Maria Teresa Montañés, José García-Antón

Effect of Hydrodynamic Conditions on Photocatalytic Activity of ZnO/ZnS Heterostructures

s10-074

Rita Sánchez-Tovar (Ingeniería Química y Nuclear, Universidad Politécnica de Valencia, Valencia, Spain), Maria Jose Muñoz-Portero, Dionisio Garcia-Garcia, Bellatrix Vela-Diago, José García-Antón, Rita Sánchez-Tovar

Effect of $H^{\pm}$ and $Li^{\pm}$ intercalation on WO_3 nanostructures anodized under dynamic conditions for hydrogen production

s10-075

Aide M. Torres-Huerta (CIAMS, Instituto Politecnico Nacional/CICATA Unidad Altamira, Mexico, Mexico), David S. García-Zaleta, Miguel A. Domínguez-Crespo

Synthesis of phase pure, dense fine grained ceramics by sol-gel technique of RE-substituted $Bi_{1-x}REXFeO_3$-nanopowders (RE=La^{3+}, Y^{3+}, Dy^{3+}, Ce^{3+}): structural, electrical and magnetic characterization

Functionalization

s10-076

Ronghuan He (Chemistry, Northeastern University, Shenyang, China), Niya Ye, Jingshuai Yang, Yixin Xu, Dengji Zhang

Organic-Inorganic Hybrid Anion Exchange Membranes Based on Quaternized Poly(2,6-dimethyl-1,4-phenyleneoxide) and 3-Glycidoxy- propylthrimethoxysilane

s10-077

Atif Koca (Chemical Engineering Department, Marmara University, Istanbul, Turkey), Hakan Sarıcayir, Cengiz Tüysüz

Spectroelectrochemistry of Metallophthalocyanines Having Redox Active Metal Centers

s10-078

Atif Koca (Chemical Engineering Department, Marmara University, Istanbul, Turkey), Duygu Akyüz, Hatice Dinçer

Electrochromism of metallophthalocyanines immobilized with click electrochemistry

s10-079

Mohamed Naimi (LEC/UERCA, Ecole Militaire Polytechnique, Algeirs, Algeria), Abderrezak Abdi, Omar Aaboubi, Mohamed Trari, Mohamed Naimi

Study on Structural, Morphological and Electrochemical Properties of Mesoporous Coox/Y Modified-Zeolites Sintered at High Temperature

s10-080

Rasa Pauliukaite (Department of Nanoengineering, Center for Physical Sciences and Technology, Vilnius, Lithuania), Ausra Baradoke, Jurga Juodkazyte, Ignas Masilionis, Airina Mazetyte, Vytautas Navikas, Martynas Gavutis, Rasa Pauliukaite, Ramunas Valiokas

Fabrication of Platinum Microelectrode for Detection of Hydrogen Peroxide

s10-081

Grzegorz Sulka (Department of Physical Chemistry & Electrochemistry, Jagiellonian University in Krakow, Krakow, Poland), Anna Pawlik, Magdalena Jarosz

Nanoporous Titanium Oxide Layers for Implantable Applications

s10-082

Chia-Liang Sun (Dept. of Chem. and Mater. Eng., Chang Gung University, Taoyuan, Taiwan), Shun-Yi Lai, Chia-Heng Kuo, Chen-Fu Pan, Chun-Hao Su

Synthesis of Activated Graphene Oxide Nanoribbons and Their Electrochemical Applications

Nanocomposites

s10-083

Xochitl Dominguez-Benetton (Separation and Conversion Technology, VITO, Mol, Belgium)

Gas-diffusion electrocrystallization

s10-084

Bhushan Gadgil (Department of Chemistry, University of Turku, Turku, Finland), Pia Damlin, Carita Kvarnström

Effect of Graphene Based Interfacial Layer on the Electrochromic Switching Kinetics

s10-085

Marijana Kraljic Rokovic (Faculty of chemical engineering and technology, University of Zagreb, Zagreb, Croatia), Gabrijela Ljubek

Graphene preparation by electrochemical exfoliation of natural graphite flakes

s10-086

Rasa Pauliukaite (Department of Nanoengineering, Center for Physical Sciences and Technology, Vilnius, Lithuania), Raimonda Celiesiute, Aneta Radzevic, Airidas Zukauskas, Romualdas Trusovas, Gediminas Raciukaitis, Gediminas Niaura

Laser-Patterned Graphene-Chitosan Composite for Sensing Applications

s10-087

Mario Romero (Laboratorio de Electroquímica, Instituto de Química, Pontificia Universidad Católica de Valparaiso, Valparaiso, Chile), Rodrigo Henríquez, Enrique Dalchiele

Electro-Synthesis and Characterization of Nanostructures Based PEDOTs/ZnO and its Possible Use in Photovoltaic Cells

s10-088

Robert Sandulescu (Analytical Chemistry, Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania), Luminita Fritea, Karine Gorgy, Alan Le Goff, Laurent Galmiche, Reynaldo Villalonga, Pierre Audebert, Serge Cosnier

Tetrazines in Aqueous Solution. Electrochemical and Fluorescent Studies

Sensors and electroanalysis

s10-089

Berna Dalkiran (Chemistry Department, Ankara University, Ankara, Turkey), Berna Dalkiran, Pinar Esra Erden, Esma Kilic

Development of An Amperometric Galactose Biosensor Based on Graphene and Tricobalt Oxide Nanoparticles

s10-090

Arnab Halder (DTU Chemistry, Technical University of Denmark, Kgs. Lyngby, Denmark), Jens Ulstrup, Qijin Chi

Electrochemically active functionalization of graphene for development of prototype biosensing devices

s10-091

Ceren Kacar (Chemistry Department, Ankara University, Ankara, Turkey), Ceren Kacar, Berna Dalkiran, Pinar Esra Erden, Esma Kilic

Graphene/MWCNTs/Poly(vinylferrocene) Composite Based Amperometric Biosensor for Determination of L-lysine in Pharmaceuticals and Cheese

s10-092

Lauro Kubota (Analytical Chemistry, Institute of Chemistry at Unicamp, Campinas, Brazil), José Barragan, Everson Da Silva

Potential Relaxation in Copper Oxide Electrodes: A Novel Approach for Analytical Determinations in Alkaline Media

s10-093

Andrew Leach (School of Chemistry, University of Southampton, Southampton, United Kingdom), John Chapples, Marvin Gayle, Keith Pratt, Andrea Russell

Effect of Electrolyte Concentration on the Performance of Pt Based Oxygen Sensors

s10-094

Shih Chien Lin (Chemical Engineering Department, National Taiwan University, New Taipei City, Taiwan), Ying-Chih Liao

Development of a Multilayer Printed Sensor for Simultaneous Temperature and Humidity Sensing

s10-095

Ruzniza Mohd Zawawi (Department of Chemistry, Faculty of Science, Universiti Putra Malaysia, UPM Serdang, Malaysia), Aini Suzana Che Ani, Alvin Lim Teik Zheng

Vancomycin Nanohybrid Matrix-based Sensors for Enantioselective Electrochemical Recognition of Chiral Drugs

s10-096

Jessica Márquez-León (Faculty of Chemical Sciences, Autonomous University of San Luis Potosí, San Luis Potosí, Mexico), Luis F. Chazaro-Ruiz, Gabriela Palestino

Immobilization of cytochrome c on oxidized bamboo-like nitrogen doped multiwall carbon nanotubes and its application on amperometric H_2O_2 detection

s10-097

Emilio Navarrete (Instituto de Química, Pontificia Universidad Católica de Valparaíso, Curauma, Chile), Rodrigo Henríquez, Ricardo Schrebler, Ricardo Córdova, Luis Aguilar, Manuel Bravo, Eduardo Muñoz

Study About an Experimental Design for CdTe Quantum Dots Synthesis. Analysis of the Optical and Electrochemical Changes After their Interaction with Hydroxyl Radicals.

s10-098

Ali Ozcan (Department of Chemistry, Anadolu University Faculty of Science, Eskişehir, Turkey)

Development Of A Voltammetric Sensing Strategy For The Selective And Sensitive Determination Of Serotonin With Poly(Pyrrole-3-Carboxylic Acid)-Modified Pencil Graphite Electrode

s10-099

Ali Riza Ozkaya (Department of Chemistry, Marmara University, Istanbul, Turkey), Umit Ergin Ozen, Turgut Keles, Zekeriya Biyiklioglu, Atif Koca

Electropolymerization of Metallophthalocyanines and their Application as Pesticide Sensors

s10-100

Vanoushe Rahemi (Chemistry, University of Antwerp, Antwerpen, Belgium), Stanislav Trashin, Vera Meynen, Karolien De Wael

An Adhesive Conducting Electrode Material Based on Commercial Mesoporous Titanium Dioxide As A Support For Horseradish Peroxidase For Bioelectrochemical Applications

s10-101

Juan Arturo Squella (Department of Organic and Physical Chemistry, University of Chile, Santiago, Chile), Raúl Moscoso, Elizabeth Inostroza

Voltammetric determination of 2-(4-nitrophenyl) 1, 3-oxazol entrapped on MWCNT modified electrode.

s10-102

Meryck Ward (Chemistry, University of the Western Cape , Cape Town, South Africa), Priscilla Baker, Emmanuel Iwuoha, Pierre-Henri Aubert, Cedric Plesse

Novel cross linked polymers for the Discrimination of Polycyclic Aromatic Hydrocarbons in aqueous systems

Symposium 11 Electrochemical Engineering for Improvement of Process Sustainability

Beneficiation of secondary products

s11-001

José M. Bisang (PRELINE, Facultad de Ingeniería Química, Universidad Nacional del Litoral, Santa Fe, Argentina), Omar González Pérez

Electrochemical Reduction of Nitrate in non-buffered K_2SO_4 Aqueous Solutions using an Activated Copper Rotating Cylinder Electrode

s11-002

Elodie Guyot (CP2S équipe Chimie et Electrochimie des Matériaux, Institut Jean Lamour, Université de Lorraine/CNRS, Metz, France), Clotilde Boulanger

Recovery of Indium by Electrochemical Junction Transfer

s11-003

Hojin Hwang (Shool of Chemical Engineering, Chonnam National Engineering, Gwangju, Korea), Haeun Shin

Preparation of $ZnCo_2S_4$/carbon nano composites as anodes for lithium-ion batteries

s11-004

Valentín Pérez-Herranz (Department of Chemical and Nuclear Engineering, Universitat Politècnica de València, Valencia, Spain), Jordi Carrillo-Abad, Montserrat García-Gabaldón, Emma M. Ortega

The Effect of pH on Zinc Recovery from the Spent Pickling Baths of Hot Dip Galvanizing Industries.

s11-005

Haeun Shin (Shool of Chemical Engineering, Chonnam National Engineering, Gwangju, Korea), Hojin Hwang

Improved electrochemical performances of double-layered CuxCo3-xO4 microspheres for lithium ion batteries

POSTERS

Coupling to green energy

s11-006

Chih-Yu Ma (Graduate Institute of Environmental Engineering, National Taiwan University , Taipei , Taiwan), Chia-Hung Hou

Microbial Desalination Cell Combined with Membrane Capacitive Deionization for Wastewater Treatment and Desalination

s11-007

Antonio Angel Moya (Physics, University of Jaén, Jaén, Spain)

Numerical Simulation of the Electrical Response of Ion-Exchange Membrane Systems under Reverse Electrodialysis Conditions

s11-008

Manuel Andres Rodrigo (Chemical Engineering, Universidad de Castilla-la-Mancha, Ciudad Real, Spain), Carolina Risco, Rubén López-Vizcaíno, Cristina Sáez, Vicente Navarro, Jose Villaseñor, Pablo Cañizares

Electrokinetic remediation of soils polluted with pesticides: Flushing and fence technologies

Electrochemical engineering

s11-009

Zaira Aguilar (División de Ingenierías, Universidad de Guanajuato , Guanajuato, Mexico), José L. Nava, Oscar Coreño

Electrochemical Incineration of Mordant Orange 1 Dye on a Dimensional Stable Anode (DSA) Fitted in a Divided Filter Press Flow Reactor

s11-010

Christian E. Alvarez-Pugliese (Escuela de Ingeniería de Química, Universidad del Valle, Cali, Colombia), Jawer David Acuña-Bedoya, Lizeth Osorio-Mina, Nilson Marriaga-Cabrales, Fiderman Machuca-Martínez, Juan Manuel Barraza Burgos

Electrochemical Regeneration of Granular Activated Carbon using Boron Doped Diamond Anodes

s11-011

Henry Bergmann (FB 6&7, Anhalt University, Köthen/Anh., Germany), Solomon Jembere

Studies on a Laboratory Rotating Disk Electrode (RDE)

s11-012

Roel Bisselink (Functional Ingredients, TNO, Zeist, Netherlands), Roman Latsuzbaia

Electrosynthesis of 2,5-furandicarboxylic acid

s11-013

Roel Bisselink (Functional Ingredients, TNO, Zeist, Netherlands), Joost van Erkel

Electrosynthesis of hydrogen peroxide

s11-014

Erika Bustos (Science, Centro de Investigación y Desarrollo Tecnológico en Electroq, Pedro Escobedo, Mexico), Yenny Cruz, Ignacio González, Abel Ibañez-Huerta, Gabriela Castaño-Meneses, Alicia Callejas-Chavero, Daniela Pérez-Velázquez, Jesús Cárdenas, Roberto Frausto

Electrochemical Rehabilitation in situ on Saline Soil Using a 2D Circular Arrangement of Electrodes

s11-015

Alejandro N. Colli (Laboratoire d'Electrochimie Physique et Analytique (LEPA), École Polytechnique Fédérale de Lausanne (EPFL), Sion, Switzerland), Alejandro N. Colli, José M. Bisang

Cumulative and Convergent Flow as a Means to Improve the Tertiary Current Distribution at Parallel-Plate Electrochemical Reactors

s11-016

Gabriela Coria (Ingenieria en Geomatica e Hidraulica, Universidad de Guanajuato, Guanajuato, Mexico), Ignasi Sirés, José L. Nava

Degradation of Naproxen by Electro-oxidation, Electro-Fenton and Photoelectro-Fenton

s11-017

Martín Dávila (Fisicoquimica, Benemerita Universidad Autonoma de Puebla, Puebla, Mexico)

Electrochemical oxidation of DBT and $DBTO_2$ on $Ti/Ir_{1-x}Sn_xO_2$ and Pt electrodes

s11-018

Güray Emir (Environmental Engineering, Anadolu University, Eski ehir, Turkey), Yusuf Yavuz

Impact Evaluation of Supporting Electrolyte Concentration on Ceramic Industry Wastewater Treatment by Iron Electrocoagulation

s11-019

Ana S. Fajardo (Department of Chemical Engineering, University of Coimbra, Coimbra, Portugal), Helga F. Seca, Rui C. Martins, Rosa M. Quinta-Ferreira

Phenolic wastewaters depuration by electrochemical oxidation process using Ti/RuO_2 anode

s11-020

Ana S. Fajardo (Department of Chemical Engineering, University of Coimbra, Coimbra, Portugal), Rui C. Martins, Carlos Alberto Martinez-Huitle, Djalma R. da Silva, Rosa M. Quinta-Ferreira

Reactive Black 5 dye elimination by using aluminum -batch and -flow electrocoagulation systems

s11-021

Sergi Garcia-Segura (Instituto de Química, Universidade Federal do Rio Grande do Norte, Natal, Brazil), Sergi Garcia-Segura, Alexsandro Jhones dos Santos, Maycon Douglas de Lima, Djalma R. da Silva, Carlos Alberto Martinez-Huitle

Influence of the Water Hardness on the Electro-Fenton Performance: Decolorization and Mineralization of Eriochrome Black T

s11-022

Sergi Garcia-Segura (Instituto de Química, Universidade Federal do Rio Grande do Norte, Natal, Brazil), Sergi Garcia-Segura, Edilson do Vale-Júnior, Sergi Dosta, Irene Garcia Cano, Josep Maria Guilemany, Jailson Vieira de Melo, Carlos Alberto Martinez-Huitle

Sn-Cu-Sb Alloy Anode Synthesized by Cold Gas Spray Applied on Azo Dye Decolorization

s11-023

Elena Gorbachuk (Laboratory of organometallic and coordination compounds, A.E. Arbuzov Institute of Organic and Physical Chemistry, Kazan, Russia)

First example of electrochemical synthesis of mono- and bis-(alpha-oxyalkyl)phosphine oxides from white phosphorus via phosphine oxide H_3PO

s11-024

Karine Groenen Serrano (Laboratoire de Génie Chimique, University Paul Sabatier, Toulouse, France), Pohere Chong, Fabien Chauvet, André Savall

Investigations on the process of electrochemical removal of calcium carbonate in potable water

s11-025

Bjorn Hasa (Chemical Engineering, Univerity of Patras, Patras, Greece), Bjorn Hasa, Michalis Athanasiou, John Vakros, Alexandros Katsaounis, Constantinos Vayenas

Electrochemical promotion of hydrogen oxidation on Pt/C in aqueous alkaline media.

s11-026

Cheng-En Ho (Chemical Engineering & Materials Science, Yuan Ze University, Taoyuan City, Taiwan), Cheng-En Ho, Yu-Wei Lee, Chang-Chih Chen, Ying-Syuan Wu

Effect of Brightener Concentration on Recrystallization Process of Electroplated Cu

s11-027

François Lapicque (Lab. Reactions and Chemical Engineering, Univ-Lorraine / CNRS, Nancy, France)

Zinc removal from urban and natural waters: electrocoagulation or precipitation upon alkali addition?

s11-028

Carlos Alberto Martinez-Huitle (Federal University of Rio Grande do Norte, Campus Universitário, Lagoa N, Natal, Brazil), Jessica Pires de Paiva Barreto, Karla Caroline de Freitas Araujo, Izabelle Cristina da Costa Soares, Amison Rick Lopes da Silva, Danyelle Medeiros de Araujo

Electrochemical Oxidation of Acid Violet 7 by using Boron Doped Diamond Electrodes with Low and High Diamond Content

s11-029

Andrea Massa (Department of Applied Science and Technology, Politecnico di Torino, Torino, Italy), Simelys Hernandez, Andrea Lamberti, Nunzio Russo, Candido F. Pirri, Debora Fino

Electro-Oxidation of Phenol by Electrodeposited Manganese Oxides over Titanium and TiO_2 Nanotubes

s11-030

Naoto Morita (Green Hydrogen Research Center, Yokohama National University, Yokohama, Japan), Yuki Sawaguchi, Kensaku Nagasawa, Yuji Kohno, Koichi Matsuzawa, Akihiro Kato, Yoshinori Nishiki, Shigenori Mitsushima

Structure of Oxygen Evolution Anode for Toluene Electrohydrogenation Electrolysis

s11-031

Martin Paidar (Department of Inorganic Technology, University of Chemistry and Technology Prague, Prague, Czech Republic), Martin Roubalik

Electrochemical alkalization of wastewater for ammonia removal

s11-032

Danny Pauwels (Faculty of Applied Engineering, University of Antwerp, Wilrijk, Belgium), Jonas Hereijgers, Kristof Verhulst, Karolien De Wael, Tom Breugelmans

Investigation of the electrosynthetic pathway of the aldol condensation of aceton

s11-033

Gbenga Peleyeju (Department of Applied Cheimstry, University of Johannesburg, Johannesburg, South Africa), Omotayo Arotiba, Oyebamiji Babalola

Oxidation of sulfamethoxazole at a carbon-titania electrode in a photoelectrochemical reactor

s11-034

Valentín Pérez-Herranz (Department of Chemical and Nuclear Engineering, Universitat Politècnica de València, Valencia, Spain), Salatiel W. da Silva, Emma M. Ortega, Montserrat García-Gabaldón, Andréa M. Bernardes

Removal of the Antibiotic Norfloxacin by Electrochemical Advanced Oxidation Processes.

s11-035

Mario Rosales (Ingeniería Geomática e Hidráulica, Universidad de Guanajuato, Guanajuato, Mexico), Mario Rosales, José L. Nava

Computational fluid dynamic simulations of hydrodynamics of two phase flow in a novel electrocoagulation flow cell

s11-036

Luis Ruotolo (Chemical Engineering, Federal University of Sao Carlos, Sao Carlos, Brazil), Rosimeire Farinos

Comparison of BDD and RVC/PbO_2 Anodes for Organic Degradation

s11-037

Staffan Sandin (Applied Electrochemistry, Chemical Science and Engineering, KTH, Royal Institute of Technology, Stockholm, Sweden), Ann Cornell, Joakim Bäckström

Comparison of tin source for preparation of Sb and Ni doped SnO_2 electrodes for ozone formation

s11-038

Elisama Santos (School of Science and Technology, Federal University of Rio Grande do Norte, Natal, Brazil), Cristina Sáez, Pablo Cañizares, Carlos Alberto Martinez-Huitle, Manuel Andres Rodrigo

Coupling of soil washing and electro-irradiated technologies for the remediation of polluted with petroleum

s11-039

Laura Sanz (Electrochemical Storage and Energy Harvesting, Catalonia Institute for Energy Research, Barcelona, Spain), Cristina Flox, Jordi Jacas Biendicho, Javier Vázquez-Galván, Joan Ramon Morante

Improvements in Stack Development for All-Vanadium Redox Flow Batteries

s11-040

Onofrio Scialdone (Dipartimento di Ingegneria Chimica, Gestionale, Informatica,, Università di Palermo, Palermo, Italy), Adriana D'Angelo, Alessandro Galia, Fabrizio Vicari

Electrochemical abatement of pollutants in reverse electrodialysis and microbial reverse electrodialysis stacks

s11-041

Everson Silva (Department of Analytical Chemistry, Institute of Chemistry, State University of Campinas - UNICAMP, Campinas, Brazil), Lauro Kubota, Vitória Morais

Toner printing as a versatile tool for the fabrication of microelectrodes and microarray

s11-042

Cristina Sáez (Chemical Engineering, University of Castilla La Mancha, Ciudad Real, Spain), José Fernando Pérez, Javier Llanos, Cristina Sáez, Conrado López, Pablo Cañizares, Manuel A. Rodrigo, Salvador Cotillas

Treatment of Real Pharmaceutical Effluents: Electro-oxidation vs. Fenton Oxidation

s11-043

Abdoulaye Thiam (Química de los Materiales, Universidad de Santiago de Chile, Santiago, Chile), Ricardo Salazar

Degradation and mineralization of Metolachlor by electrochemical advanced oxidation processes using Platinum or Boron-Doped Diamond anode

s11-044

Jorge Vidal (Departamento Química de los Materiales, Universidad de Santiago de Chile, Santiago, Chile), Ricardo Salazar, Cesar Huiliñir, Ricardo Torres

Degradation of ampicillin sodium from water by photoelectron-Fenton

s11-045

Paul-Augustin Wasner (Electronics - Plating through holes, Atotech Deutschland GmbH, Berlin, Germany), Roman-David Zimmermann, Edith Steinhäuser, Lutz Stamp, Frank Brüning, Constanze Donner, Nicole Fréty, Eric Anglaret

Electrochemical Monitoring of N,N'-diethylthiourea in Electroless Copper Electrolytes by Linear Sweep Voltammetry

s11-046

Xiaoyin Xiao (Department of Biosensors and Nanomaterials, Sandia National Labs, Albuquerque, USA), Ping Lu, Arthur Fischer, Benjamin Leung, Michael Coltrin, George Wang, Jeffrey Tsao

Chemical Interference of Quantum Size Controlled Photoelectrochemical Fabrication

s11-047

Ridha Zerdoumi (Department of Chemistry, University of Biskra, Biskra, Algeria), Hadjer Chatta, Mahmoud Ferhat, Kafia Oulmi, Dhaouadi Mellahi

Chronopotentiometric Evaluation of Enhanced Counter-ion Transport through Anion Exchange Membranes.

Sustainable production of valuable compounds

s11-048

Tim Albrecht (Department of Chemistry, Imperial College London, London, United Kingdom), Daniel Godfrey, James Bannock, Olga Kuzmina, Tom Welton

A robotic platform for high-throughput electrochemical analysis of chalcopyrite leaching

s11-049

José M. Bisang (PRELINE, Facultad de Ingeniería Química, Universidad Nacional del Litoral, Santa Fe, Argentina), Juan Pablo Fornés

Cathodic Depassivation by Increasing the Temperature in the Production of Colloidal Sulphur by Sulphur Dioxide Reduction

s11-050

Christoph Gütz (Institute of Organic Chemistry, Johannes Gutenberg University Mainz, Mainz, Germany), Maximilian Selt, Markus Bänziger, Christoph Bucher, Christina Römelt, Nadine Hecken, Fabrice Gallou, Tomás, R. Galvão, Siegfried Waldvogel

Novel Cathode Material for Electrochemical Reductions

s11-051

Robert Harris (Chemistry, University of Leicester, Leicester, United Kingdom), Karl S. Ryder

Aluminium Plating Process for Cadmium Replacement from Ionic Liquids (AlPCaR)

s11-052

Maximilian Selt (Institute of Organic Chemistry, Johannes Gutenberg University Mainz, Mainz, Germany), Thomas Quell, Stamo Mentizi, Katrin M. Dyballa, Robert Franke, Siegfried Waldvogel

Electrosynthesis of 3,3´,5,5´-Tetramethyl-2,2´-biphenol

s11-053

Nina Simic (Process RD&I, AkzoNobel Pulp and Performance Chemicals, Bohus, Sweden), Katerina Minhová Macounová, Petr Krtil, Elisabet Ahlberg

Reaction mechanism of hypochlorite oxidation on RuO2 and doped RuO2 electrodes - A DEMS approach

s11-054

Yoshitsugu Sone (Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency, 3-1-1 Yoshinodai, Chuo-ku, Sagamihara, Japan), Kazutaka Sato, Omar S. Mendoza-Hernandez, Sayoko Shironita, Asuka Shima, Minoru Umeda

Electrochemical Reduction of CO_2 at CO_2-H_2 Fuel Cell Cathode

s11-055

Eseoghene Umukoro (Department of Applied Chemistry, University of Johannesburg, Johannesburg, South Africa), Moses Peleyeju, Jane Ngila, Omotayo Arotiba

Electrochemical and Photo-assisted Electrochemical Oxidation of Organic Pollutants in Waste Water at Novel Tungsten Trioxide-Exfoliated Graphite Composite Electrode

s11-056

Lin Zhang (LCPME, CNRS / Université de Lorraine , Villers-lès-Nancy, France), Neus Vila, Gert Kohring, Alain Walcarius, Mathieu Eienne

Co-immobilization of $[Cp^*Rh(bpy)Cl]^+$ and NAD-dependent Dehydrogenases in Electrochemical Bioreactors for Enantioselective Bioconversion Experiments

s11-057

Carolina Espinoza (Química de los Materiales, Universidad de Santiago de Chile, Santiago, Chile), Ricardo Salazar, Carlos Alberto Martinez-Huitle

Electrochemical oxidation of dye Acid Red 1 using boron doped diamond electrodes with different ratio sp^3/sp^2

Symposium 12 EC Power Sources: Principles of Materials, Design and Operation

Design

s12-001

Yi-Lin Chen (Chemical Engineering, National Taiwan University, Taipei, Taiwan), Miao-Syuan Fan, Yi-June Huang, Kuo-Chuan Ho

Flower-Like Phosphorus-Doped Nickel Oxide as Low-Cost Counter Electrode for Dye-Sensitized Solar Cells

s12-002

Rodrigo Henríquez (Instituto de Química, Pontificia Universidad Católica de Valparaíso, Valparaíso, Chile)

Synthesis and characterization of FeS_2 obtained by inverse micelles method.

Durability

s12-003

Kenji Matsumae (Engineering, Yokohama National University, Yokohama , Japan), Kensaku Nagasawa, Yuji Kohno, Koichi Matsuzawa, Akihiro Kato, Yoshinori Nishiki, Shigenori Mitsushima

Durability of IrO_2 anode for O_2 evolution with toluene contamination

s12-004

Anish Pokhrel (Fuel Cell Research Lab (FCReL), Mechatronics Engineering, Simon Fraser University, Surrey, Canada), Mohamed Hannach, Frank Orfino, Monica Dutta, Erik Kjeang

D Catalyst Layer Degradation Analysis using X-ray Computed Tomography

Engineering

s12-005

Yi-June Huang (Chemical Engineering, National Taiwan University, Taipei, Taiwan), Chuan-Pei Lee, Miao-Syuan Fan, Chun-Ting Li, R. Vittal, Kuo-Chuan Ho

Pencil-urchin-like Structure of Cobalt Diselenide Catalytic Film as Counter Electrodes for Dye-Sensitized Solar Cells

s12-006

Boram Koo (Department of Energy Systems Research, Ajou University, Suwon, Korea), Jaeshin Yi, Chee Burm Shin

Thermal modeling of a lithium-ion battery pack for electric vehicle applications

s12-007

Ilbok Lee (School of Intergrative Engineering, Chung-Ang University, Seoul, Korea), Gyoung Hwa Jeong, Sang-Wook Kim, Jaekwang Kim, Songhun Yoon

Cobalt Vanadate Nanorods on Graphene Sheets and Their Application as High-Performance Anode Materials for Li-ion batteries

s12-008

Sung June Park (Department of Energy Systems Research, Ajou University, Suwon, Korea), Jaeshin Yi, Chee Burm Shin, Jongrak Choi, Ha-Young Lee

Thermal modeling of an ultracapacitor module comprising 136 cells and comparison with experimental data

Performance

s12-009

Andrea Cerdán Pasarán (Chemical engineering, Universidad de Guanajuato, GUANAJUATO, Mexico), Ana Sánchez-Solís, Isaac Zarazúa, Tzarara López-Luke, Rosalba Fuentes-Ramírez, Alejandro Alatorre-Ordaz, Diego Esparza, Elder De la Rosa

Impedance Analysis of CdSe Multilayered Quantum Dot Sensitized Solar Cell

s12-010

Martin Prokop (Department of Inorganic Technology, UCT Prague, Prague, Czech Republic), Tomas Bystron, Petr Belsky, Karel Bouzek

Increase in Size of Pt Nanoparticles during High Temperature PEM Fuel Cell Operation Studied by Post-mortem Analysis

Power sources

s12-011

Jaekwang Kim (Integrative Engineering, Chung-Ang University, Seoul, Korea), Eunok Kim, Ilbok Lee, Songhun Yoon

Non-disruptive in-situ Raman Analysis for Gas Evolution in Commercial Supercapacitor Cell

s12-012

Burak Ulgut (Chemistry, Bilkent University, Ankara, Turkey)

Correlation of Battery Voltage Noise to the SOH of Batteries

s12-013

Qinghong Zhang (College of Materials and Engineering, Donghua University, Shanghai, China)

Ti-based Flexible Dye-Sensitized Solar Cells with Titanium Oxide Nanotube Array as an Interfacial Layer

Symposium 13 Corrosion: The Electrochemistry of Corrosion and Approaches to Corrosion Protection

Coatings

s13-001

Mario Aparicio (Institute of Ceramic and Glass, CSIC, Madrid, Spain), A. Jitianu, G. Rodriguez, A. Degnah, K. Al-Marzoki, Jadra Mosa, L.C. Klein

Low-thickness organic–inorganic melting-gel coatings for protection of 304 Stainless Steel in NaCl solutions

s13-002

Miguel A. Domínguez-Crespo (CIAMS, Instituto Politecnico Nacional/CICATA Unidad Altamira, ALTAMIRA, Mexico), Aide M. Torres-Huerta, Edgar Onofre-Bustamante, Abigail Alanís-Valdelamar, María L. Escudero-Rincón, Silvia B. Brachetti-Sibaja

Corrosion studies of PPy/Ni organic-inorganic hybrid bilayer coatings on commercial carbon steel

s13-003

Pei-Tzu Lee (Chemical Engineering & Materials Science, Yuan Ze University, Taoyuan City, Taiwan), Ying-Syuan Wu, Chang-Chih Chen, Yu-Wei Lee, Cheng-En Ho

High-speed Cu Electrodeposition and Its Adhesion

s13-004

Artur Maciej (Faculty of Chemistry, Silesian University of Technology, Gliwice, Poland), Artur Wadas, Robert Socha, Joanna Michalska, Maciej Sowa, Wojciech Simka

Anodic Oxidation of Zn-based Galvanic Coatings in Alcoholic Solutions

s13-005

Markus J. Spallek (Surface Technology & Protection, Electrochemisty, Research Institute for Materials, Fuels and Lubricants Bw, Erding, Germany), Markus J. Spallek, Felix Künzel, Burt Neumann, Gerlinde Brandenburg

REACH conform Surface Protection for Vehicle Construction Alumina – Corrosion Protection and Chemical Coating Compatibility

s13-006

Jorge O. Zerbino (Electrochemistry, Instituto de Inv. Fisicoquímicas, INIFTA, La Plata, Argentina), Cecilia Deya, Cecilia I. Elsner, Alejandro R. Di Sarli

Electrochemical and Optical Properties of Silane Layers Grown on Anodized Zinc

s13-007

Jifu Zhang (Thermal spray department, Guangdong Institute of New Materials, Guangzhou, China)

Electrochemical corrosion behavior of Iron-Based Amorphous coating prepared by HVOF

s13-008

Qingjun Zhu (Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China)

Synthesis & Corrosion properties of arc spray Zn-25Al coating

Corrosion

s13-010

Paulo Casciano (Chemical Analytical and Physical Chemistry, Federal University of Ceara, Fortaleza, Brazil), Archimedes Junior, Diego F. Dias, Adriana Correia, Pedro Lima-Neto

Corrosion study of maraging steel grade 300 in NaCl aqueous medium saturated with CO_2

s13-011

Sandrine Costenoble (DRCP/SERA/LED, CEA Marcoule, Bagnols sur Cèze, France), Claire Laluc, Beatriz Puga

Corrosion Studies on Austenitic Stainless Uranus S1N steels under Nuclear Fuel Dissolution Conditions

s13-012

Miguel A. Domínguez-Crespo (CIAMS, Instituto Politecnico Nacional, CICATA Unidad Altamira, ALTAMIRA, Mexico), Ana B López-Oyama, Aide M. Torres-Huerta, Edgar Onofre-Bustamante

Green electrochemical alternative to obtain reduced graphene oxide by pulse potential: Effect of synthesis parameters and study of corrosion properties

s13-013

Silviu Iulian Drob (Electrochemistry and Corrosion, Institute of Physical Chemistry Ilie Murgulescu, Bucharest, Romania), Cora Vasilescu, Mihai Andrei, Petre Osiceanu, Jose Maria Calderon Moreno, Ioana Demetrescu, Monica Popa

Corrosion Resistance of a New Dental CoCr Alloy with Nb, Mo and Zr

s13-014

Samuel Leleu (Cirimat, INPT, France, France), Nadine Pebere, Bertrand Rives

Investigation of the corrosion behaviour of magnesium alloys by electrochemical impedance spectroscopy (EIS)

s13-015

Hiroyuki Saito (Engineering, Tokyo Denki University, Tokyo, Japan), Hiroyuki Saito, Motoaki Osawa, Moritsugu Fuse, Kazuaki Aoshima, Masao Uyama

Electrochemical study of carbon steel corrosion in bentonite

s13-016

Patrik Schmuki (Materials Science, University of Erlangen- Nuremberg, Erlangen, Germany)

Critical factors in TiO_2 nanotube growth

s13-017

Beatriz Valcarce (Division Corrosion y Electroquímica, INTEMA, UNMdP, Mar del Plata, Argentina)

The effect of citrate ions on the stability of passive film on carbon steel in alkaline solution contaminated with chloride ions

s13-018

Jie Zhang (Key Laboratory of Marine Environmental Corrosion and Bio-fou, Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China), Jiangwei Wang, Shougang Chen, Jizhou Duan

The action of biofouling and calcareous deposit on the corrosion of carbon steel

s13-019

Bo Zhao (Material Research Office, China Special Equipment Inspection and Research Institute, Beijing, China), Zhiyong Liu, Cuiwei Du, Xiaogang Li, Binan Shou

Study on Stress Corrosion Crack Susceptibility of X80 Steel under the Disbanding Coating

Corrosion protection

s13-020

Ekatarina Kristan Mioc (Faculty of chemical engineering and technology, University of Zagreb , Zagreb, Croatia), Ekatarina Kristan Mioc, Zana Hajdari, Helena Otmacic Curkovic, Saman Hosseinpour

The Influence of Solvent on Properties of Self-assembled Monolayers of Stearic Acid

s13-021

Cylia Oulmas (Chemistry, University Mouloud Mammeri de Tizi-Ouzou, Tizi-Ouzou, Algeria), Dalila Boughrara, Slimane Boutarfaia, Abdelaziz Kadri, Nassima Benbrahim

Marine Corrosion Protection with AlZnSnIn Sacrificial Anodes

s13-022

Nelson Vejar (Escuela de Construcción Civil, Pointificia Universidad Católioca de Chile, Santiago, Chile), Diego Alvarado, Pablo Figueroa, Claudia Alvarado, Carlos Galarce, José Donoso, Maritza Paez, Mamié Sancy

Capsaicin Enhaced D-aminoacids as a Biofilms and Influence Corrosion Mitigation of 7075-T6 by Strain *Bacillus megaterium*.

s13-023

Lewis Yule (Department of Chemistry, University of Warwick, Coventry, United Kingdom), Patrick Unwin, Barbara Shollock, Geoff West

A multimicroscopy approach to relate microstructural features to the electrochemical activity of steel.

In situ/in operando characterization

s13-024

Kei Murakoshi (Department of Chemistry, Hokkaido University, Sapporo, Japan), Shunpei Oikawa, Atsuyori Ohnuki, Satoshi Yasuda, Hiro Minamimoto

Precise Control of Plasmon-Active Au Nano-Structures using Electrochemical Method

Inhibitors

s13-025

Rong-Gui Du (Department of Chemistry, Xiamen University, Xiamen, China), Ying-Bo Gao, Hai-Peng Wang, Juan Hu, Zi-Chao Guan

Inhibition Effect of Phytic Acid on Reinforcing Steel in Simulated Concrete Pore Solutions

s13-026

Helena Otmacic Curkovic (Faculty of Chemical Engineering and Technology, University of Zagreb, Zagreb, Croatia), Franjo Ivusic, Olga Lahodny-Sarc, Vesna Alar, Ivan Stojanovic

Corrosion Protection of Carbon Steel in Seawater by Cerium Chloride

s13-027

Cylia Oulmas (Chimie, University Mouloud Mammeri, Tizi-Ouzou, Algeria), Lamia Allam, Abdelaziz Kadri

Clove oil as a Green Corrosion Inhibitor for Carbon Steel in Hydrochloric Acid

Symposium 14 Combined Electro and Electrophoretic Deposition for Advanced Materials Synthesis

Coatings

s14-001

Jeng-Yu Lin (Department of Chemical Engineering, Tatung University, Taipei City, Taiwan), Yaoming Xiao, Gaoyi Han, Yunzhen Chang, Ying Zhang, Hsiao-Shan Peng

Bifacial perovskite solar cell based on electropolymerized PEDOT functioning as the p-type hole-transporting material and synergistic sensitizer

Electrodeposition

s14-002

Liana Anicai (Center for Surface Science and Nanotechnology, University Politehnica of Bucharest, Bucharest, Romania), Anca Cojocaru, Ion Sin, Adina Cotarta, Marius Enachescu, Teodor Visan

Electrodeposition of Lead Telluride and Selenide Films from Ionic Liquids Based on Choline Chloride

s14-003

Liana Anicai (Center of Surface Science and Nanotechnology, University Politehnica of Bucharest, Bucharest, Romania), Stefania Costovici, Oana Brancoveanu, Aida Ghiulnare Apaz, Teodor Visan

The Influence of Plating Conditions on Electrodeposition Process of Binary Co-Mo Alloy Coatings Involving Ionic Liquids Analogues

s14-004

Andrew Ballantyne (Chemistry, University of Leicester, Leicester, United Kingdom), Andrew P. Abbott, Robert Harris, Jamil Juma, Karl S. Ryder

The Effect of Organic Additives in Electrodeposition of Ni from Deep Eutectic Solvents

s14-005

Kun Chen (Chemistry, Monash University, Melbourne, Australia), Douglas MacFarlane, Xinyi Zhang

Cu-based Ordered Nanomaterials for CO_2 Reduction and Surface-enhanced Raman Spectroscopy

s14-006

Chang-Chih Chen (Chemical Engineering & Materials Science, Yuan Ze University, Taoyuan, Taiwan), Cheng-En Ho, Chang-Chih Chen, Hung-Cheng Liu, Cheng-Hsien Yang

Direct Proof of the Pinhole Formation Mechanism in Electroplated Cu Films

s14-007

Pedro De Lima-Neto (Analytical Chemistry and Physical Chemistry, Federal University of Ceara, Fortaleza, Brazil), Adriana Correia, Ana Aline C. Alcanfor, Luis P. M. Dos Santos, Diego F. Dias

Study of Indium Electrodeposition on Copper Surface From Choline Chloride/Ethylene Glycol Eutectic Mixture

s14-008

Cédric Frantz (Laboratory for Mechanics of Materials and Nanostructures, Empa, Thun, Switzerland), Yucheng Zhang, Johann Michler, Laetitia Philippe

Electrodeposition of PbTe: from the electrochemical behavior to the electrodeposition of nanostructures

s14-009

Run Liu (Department of Chemistry, Zhejiang University, Hangzhou, China), Qinyan Lu, Kedan Lu, Jianying Gong

Room Temperature Electrodeposition of $AgCuO_2$ Films for Electrocatalytic Water Oxidation

s14-010

Monika Lukaczynska (Materials and Chemistry, Vrije Universiteit Brussel, Brussel, Belgium), Jon Ustarroz, Herman Terryn

Electrodeposition of Ni coatings on low carbon steel from choline chloride based Deep Eutectic Solvents

s14-011

Hiroshi Matsubara (General Education, Nagaoka University of Technology, Nagaoka, Japan), Shogo Samejima, Kazunori Hodouchi, Kouichi Kudou

Effect of Amino Acid Additives on the Hardness of Fe plated films

s14-012

Quentin Rayée (Faculté des Sciences, Université libre de Bruxelles, Bruxelles, Belgium), Claudine Buess-Herman, Thomas Doneux

Silver electrodeposition on gold from a choline chloride - urea electrolyte

s14-013

Samuel Jaeho Shin (Chemistry, Seoul National University, Seoul, Korea), Jin-Young Lee, Jae Gyeong Lee, Sunmi Lee

Electrodeposition of Metal Nanoparticles Directly on Dielectric Electrode and Its Application for Hydrogen Gas Sensor

s14-014

Cheng-Hsien Yang (Chemical Engineering & Materials Science, Yuan Ze University, Taoyuan City, Taiwan), Yu-Wei Lee, Chang-Chih Chen, Cheng-En Ho

Self-annealing Behavior of Electroplated Cu in the Blind-hole Structure

Electrophoresis/ Electrophoretic Deposition

s14-015

Aldo Boccaccini (Institute of Biomaterials, University of Erlangen-Nuremberg, Erlangen, Germany), Sigrid Seuss

Electrophoretic and electrodeposition in biofabrication approaches

s14-016

Zoilo Gonzalez (Ceramic, Institute for Ceramic and Glass.CSIC, Madrid, Spain), Claudine Filiâtre, Antonio Javier Sanchez-Herencia, Begoña Ferrari

Study of the EPD of $Ni(OH)_2$ nanoplatelets based on their surface modification through LbL deposition of polyeletcrolytes

s14-017

Svenja Heise (Materials Science and Engineering - Biomaterials, University of Erlangen-Nuremberg, Erlangen, Germany), Michael Höhlinger, Victoria Wagener, Helga Hornberger, Sannakaisa Virtanen, Aldo Boccaccini

Development of a biodegradable natural polymer/bioactive glass coating for Mg alloys using electrophoretic deposition

Symposium 15 New Molecules - Synthesis, Fundamental Electron Transfer Properties and their Relationship with Molecular Action

Electrosynthesis

s15-001

Belen Batanero (Organic Chemistry, University of Alcala, Alcala de Henares (Madrid), Spain)

Electrosynthesis of 1,3-Dioxoles by Homogeneous Electron-Transfer

s15-002

Isabella Chiarotto (SBAI, Sapienza University of Rome, Rome, Italy), Francesca D'Anna, Marta Feroci, Fabrizio Gala, Achille Inesi, Renato Noto, Luigi Ornano, Giuseppe Zollo

N-Heterocyclic Carbenes (NHCs) from Imidazolium, Triazolium, Thiazolium Salts: Nucleophilicity, Basicity, Stability Indications from Cyclic Voltammetry and Ab-Initio Calculations

s15-003

Marta Feroci (Scienze di Base e Applicate per l'Ingegneria, Sapienza University of Rome, Rome, Italy), Isabella Chiarotto, Luigi Ornano

Electrogenerated Superoxide Anion: Benzamides from Deoxybenzoin and Amines

s15-004

Armando Gennaro (Department of Chemical Sciences, University of Padova, Padova, Italy), Francesco De Bon, Abdirisak A. Isse

Electrochemically Mediated Atom Transfer Radical Polymerization of Methyl Acrylate in Ionic Liquids

s15-005

Vitali Grinberg (Processes in Batteries, Frumkin Institute of Physical Chemistry and Electrochemistry, Moscow, Russia), Natalia Mayorova, Eugene Maevsky, Sergey Sterlin

Dibromopolyoxafluoroalkanes as new materials for biomedical applications

s15-006

Turan Gul (Analytical Biochemistry, Groningen University, Groningen, Netherlands), Rainer Bischoff, Hjalmar Permentier

Synthesis of Aromatic Hydroxylation Metabolites of Lidocaine by Using a Pt-oxide surface

s15-007

Abdirisak A. Isse (Deparment of Chemical Sciences, University of Padova, Padova, Italy), Francesca Lorandi, Marco Fantin, Armando Fantin

Cathodic Materials for Electrochemically Mediated Atom Transfer Radical Polymerization in Organic and Aqueous Media

s15-008

Francesca Lorandi (Chemical Sciences, University of Padova, Padova, Italy), Marco Fantin, Abdirisak A. Isse, Armando Gennaro

Poly(acrylic acid) via Electrochemically Mediated Atom Transfer Radical Polymerization

s15-009

Francesca Lorandi (Chemical Sciences, Uiversity of Padova, Padova, Italy), Abdirisak A. Isse, Armando Gennaro

Coupled Copper Cathode/Anode for Electrochemically Mediated Atom Transfer Radical Polymerization in Undivided Cells

s15-010

Dominique Lucas (Institut de Chimie Moléculaire de l'Université de Bourgogne, Université de Bourgogne, Faculté des Sciences Mirande, Dijon, France), Charles H. Devillers, Seydou Hebié, Sebastien Rolle, Abdou Dimé, Olivier Heintz, Frédéric Herbst, Mikhail Vorotyntsev, Dmitry Konev

Electrochemistry as an Attractive and Effective Tool for Synthesis and Immobilization of Porphyrins on Electrode Surfaces

s15-011

Omar Martinez-Mora (Separation and Conversion Technologies, VITO – Flemish Institute for Technological Research, Mol, Belgium), Sunita Rajamani, Yolanda Alvarez Gallego, Xochitl Dominguez-Benetton

Electrosynthesis of Ionic Liquids and their Evaluation as Catalysts for Crude Oil Hydroprocessing Reactions

s15-012

Siegfried Waldvogel (Institute of Organic Chemistry, Johannes Gutenberg University, Mainz, Germany)

Metal- and Reagent-free Anodic Cross-Coupling of Arenes

s15-013

Cheng-Chu Zeng (College of Life Science & Bioengineering, Beijing University of Technology, Beijing, China), Li-Shuo Kang, R. Daniel Little

Electrochemical C-H Functionalization and Subsequent C-S and C-N Bond Formation: Paired Electrosynthesis of 3-Amino-2-thiocyanato Carbonyl Derivatives Mediated by Bromide Ion

Multiple redox centers

s15-014

Irena Hoskovcová (Inorganic Chemistry, University of Chemistry and Technology Prague, Prague, Czech Republic), Radka Metelková, Hana Váňová, Tomá□Tobrman, Jiří Ludvík

Redox Properties of Fischer Carbene Complexes with Two Chromium Centers

s15-015

Corinne Lagrost (Institut des Sciences Chimiques de Rennes, CNRS and University of Rennes 1, RENNES, France), Andrea Mulas, Yves-Marie Hervault, Lucie Norel, Stéphane Rigaut

Electron Transfer Kinetics in Polymetallic carbon-rich Ruthenium(II) bis(σ-arylacetylides) Wires Connected to Gold

s15-016

Ludmila Simková (Molecular electrochemistry, J. Heyrovsk Institute of Physical Chemistry of the ASCR, Prague, Czech Republic), Jirí Ludvík

Redox Properties of New Energetic Material 2,2-dinitroethene-1,1-diamine (FOX-7),a Molecule of the Push-pull Type with Multiple Redox Centres

Organic and bio-organic molecules

s15-017

Elene Kvaratskhelia (R.Agladze Institute of Inorganic and Electrochemistry, Iv. Javakhishvili Tbilisi State University, Tbilisi, Georgia), Elene Kvaratskhelia, Rusudan Kurtanidze

The Electrolytic Dissociation of Methyl Derivatives of Succinic Acids

s15-018

Tatiana Magdesieva (Chemistry Department, Leninskie Gory, 1/3, Moscow, Russia), Oleg Levitskiy

Tert-Butyl Substituted Diphenylnitroxides as Perspective Candidates for Ambipolar Redox Active Materials

s15-019

Goswinus de Kruijff (Institute of Organic Chemistry, Johannes-Gutenberg University, Mainz, Germany), Siegfried Waldvogel

Anodic Decarboxylation of α-Tertiary Diterpenoid Carboxylic Acids

Organometallic and coordination compounds

s15-020

Georgiana-Luiza Arnold (Inorganic Chemistry, Physical Chemistry and Electrochemistry, University Politehnica of Bucharest, Bucharest, Romania), Eleonora-Mihaela Ungureanu, George-Octavian Buica, Ioana-Georgiana Lazar, Liviu Birzan

Modified Electrodes based on 2-thioxo-5-((4,6,8-trimethylazulen-1-yl)methylen)imidazolidin-4-one for Heavy Metal Ions Detection

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Malgorzata Frik (Faculty of Chemistry, University of Warsaw, Warsaw, Poland), Pawel J. Kulesza

Synthesis, Physicochemical Identity and Electrocatalytic Properties of New Organometallic Molecules

s15-022

Konstantin Kottrup (Leiden Institute of Chemistry, Leiden University, Leiden, Netherlands)

Iron-based Electrocatalysts for the Water Oxidation Reaction

s15-023

Daisuke Motoyama (Department of Applied Chemistry, Chuo University, 1-13-27 Kasuga, Bunkyo-ku, Japan), Kai Yoshikawa, Hiroaki Ozawa, Masa-aki Haga, Hiroaki Ozawa

Energy Storage by Proton-coupled Electron Transfer Reactions of Ru Complexes Bearing Benzimidazole Ligands in Aqueous Solution

s15-024

Anna Wadas (Faculty of Chemistry, University of Warsaw, Warszawa, Poland), Adam Gorczyñski, Iwona A. Rutkowska, Pawel J. Kulesza, Maciej Kubicki, Violetta Patroniak

Electrocatalytic Reductions of Carbon Dioxide and Oxygen at Network Films of Transition Metal Complexes

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Lucy Wilson (Department of chemistry, Imperial College London, London, United Kingdom), Michael Inkpen, Nicholas Long, Tim Albrecht

Unique and Complex Systems with Multiple Redox Active Centres for Molecular Electronics

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Martijn van der Plas (Leiden Institute of Chemistry, Leiden University, Leiden, Netherlands), Dennis Hetterscheid, Elisabeth Bouwman, Marc Koper

Electrocatalytic CO_2 reduction in neutral aqueous media on a modified carbon electrode

Other

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Yamei Li (Biofunctional Catalyst Research Team, CSRS, Riken, Japan, wako, Japan), Ryuhei Nakamura

Molybdenum Disulfide: Concerted Proton Electron Transfer and its involvement in Nitrate Reduction

Quantum chemical calculations

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Paulino Zeron (Facultad de Química, Universidad Nacional Autónoma de México, Mexico City, Mexico), Víctor-Manuel Ugalde-Saldívar, Ignacio González

Combined Computational and Experimental Studies of the Isolated Components of a Model Dye-Sensitized Solar Cell

Reaction mechanisms

s15-029

Yuvraj Y. Birdja (Catalysis and Surface Chemistry, Leiden Institute of Chemistry, Leiden, Netherlands), Jing Shen, Marc Koper

Electrocatalytic CO_2 reduction to Formic acid – Influence of the Metal center of Metalloprotoporphyrins

s15-030

Alessandro Boni (Department of Chemistry, University of Bologna, Bologna, Italy), Giovanni Valenti, Ferdinand Hof, Alain Penicaud, Francesco Paolucci

Graphite Intercalation Compounds as Effective Platforms for The Preparation of Highly-Active Electrocatalysts: The Case of ORR and CO_2 Reduction

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Zhi-Xin Chen (iChEM, Xiamen University, Xiamen, China), Tao Wang, Zhi-Yong Chen, Tian Sheng, Yu-Hao Hong, Zi-Ang Nan, Jun Zhu, Zhi-You Zhou, Hai-Ping Xia, Shi-Gang Sun

Substituent Modification on the Ligands Change Catalytic Reaction Mechanism of HER

s15-032

Katrin F. Domke (Molecular Spectroscopy Department, MPI Polymer Research, Mainz, Germany)

The electrochemical growth mechanism of CuBTC

s15-033

Joel Donkeng Dazie (Department of Molecular Electrochemistry, J. Heyrovsk Institute of Physical Chemistry of the AS CR , Prague , Czech Republic), Jirí Ludvík

Electrochemical and Spectrophotometric Study of Reactivity of Orthophthalaldehyde with Primary Amines and Diamines

s15-034

Carlos Frontana (Investigacion, CIDETEQ, SC, Sanfandila, Pedro Escobedo, Mexico), Teresita Maldonado

Intramolecular Hydrogen Bonding Influence in Self-Protonation of alpha-Hydroxyquinones

s15-035

Evgeny Smirnov (SB ISIC LEPA, EPFL, Sion, Switzerland), Pekka Peljo, Hubert Girault

Electron Transfer Reaction at Liquid-Liquid Interfaces: What is the Correct Mechanism?

s15-036

Bart Vanrenterghem (Faculty of Applied Engineering, University of Antwerp, Wilrijk, Belgium), Tom Breugelmans

The influence of solvation on the carbon-halogen bond rupture on rotating disk electrodes

s15-037

Elena Villani (Department of Chemistry G. Ciamician, University of Bologna, Bologna, Italy), Giovanni Valenti, Enrico Rampazzo, Elisa Biavardi, Giulio Fracasso, Massimo Marcaccio, Federico Bertani, Dunia Ramarli, Enrico Dalcanale, Francesco Paolucci, Luca Prodi

Sarcosine as Prostate Cancer Marker detected by Electrogenerated Chemiluminescence

s15-038

Jose H. Zagal (Chemistry of Materials, University of Santiago de Chile, Santiago, Chile), Jose H. Zagal, Marc Koper

Reactivity descriptors for the electrocatalytic activity of MN4 molecular catalysts for the dioxygen reduction reaction

s15-039

Koen van der Ham (Leiden Institute of Chemistry, Leiden University, Leiden, Netherlands)

Structural investigation on the activation of molecular Ir-based water oxidation catalysts

POSTERS

Spectroelectrochemistry

s15-040

Wei Chen (Department of Chemical Physics, University of Science and Technology of China , Hefei, China), Yan-Xia Chen

On the Accuracy in Quantitative Analysis of Electrocatalytic Reactions Using Differential Electrochemical Mass Spectrometry

s15-041

Karol Luspai (Department of Physical Chemistry, FCHFT, Slovak university of technology in Bratislava, Bratislava, Slovakia), Daniela Keszeliová, Martin Barlog, Peter Rapta

Transparent Boron-Doped Diamond Electrodes (t-BDDE) and their use in EPR/UV-VIS-NIR Spectroelectrochemistry

s15-042

Peter Machata (Nanoscale Chemistry, Leibniz Institute for Solid State and Materials Research, Dresden, Germany), Michal Zalibera, Tyler T. Clikeman, Marco Rosenkranz, Steven H. Strauss, Eric V. Bukovsky, Olga V. Boltalina, Alexey Popov

Spectroelectrochemical Studies of Perfluoroalkylated Derivatives of PAHs and Fullerenes

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Electrocatalysis

s16-001

Elena Baranova (Department of Chemical and Biological Engineering, University of Ottawa, Ottawa, Canada), Evans Monyoncho, Spyridon Ntais, Tom Woo

In-situ Polarization Modulation Infrared Reflection Absorption Spectroscopy (PM-IRRAS) for Rational Design of Pd-based Catalysts for Ethanol Electrooxidation

s16-002

Valentín Briega-Martos (Instituto de Electroquímica, Universidad de Alicante, Alicante, Spain), José M. Orts, Enrique Herrero, Antonio Rodes, Juan Miguel Feliu Martinez

Adsorption and Surface Reactivity of Acetonitrile on Pt(hkl) and its Effects on the Oxygen Reduction Reaction examined by Cyclic Voltammetry, in situ FTIR and DFT calculations

s16-003

Chen Changguo (College of Chemistry and Chemical Engineering, Chongqing University, Chongqing, China)

The Recent Development of Oxygen Reduction Reaction Carbon-Based Catalyst Prepared from Protein

s16-004

Xiaoting Chen (Leiden Institute of Chemistry, Leiden University, Leiden, Netherlands), Ioannis Katsounaros, Marta Figueiredo, Federico Calle-Vallejo, Marc Koper

Reductive Stripping of Saturated and Non-Saturated NO Adlayers on Pt Single-Crystal Electrodes

s16-005

Beata Dembinska (Faculty of Chemistry, University of Warsaw, Warsaw, Poland), Kamila Brzozowska, Magdalena Skunik-Nuckowska, Marcin Pisarek, Pawel J. Kulesza

Consideration of Mixed Rhenium Oxides as Catalytic Components During Electroreductions of Oxygen and Hydrogen Peroxide

s16-006

Heiki Erikson (Institute of Chemistry, University of Tartu, Tartu, Estonia), Madis Lüsi, Ave Sarapuu, Kaido Tammeveski, Jose Solla-Gullón, Juan Miguel Feliu Martinez

Oxygen Electroreduction on Carbon-Supported Palladium Nanocubes

s16-007

Pablo Sebastian Fernandez (Chemistry, State University of Campinas, Campinas, Brazil), Yuvraj Y. Birdja, Marc Koper

Towards a general understanding of the electrooxidation of polyols

s16-008

Pablo Sebastian Fernandez (Chemistry, State University of Campinas, Campinas, Brazil), Cinthia Rodrigues Zanata, Gabriel da Silva, Agustin Silvio Picco, Caue Alves Martins, Giuseppe Abiola Camara, Maria Elisa Martins

The electrooxidation of ethanol and glycerol on PtxSny/C carbon supported nanoparticles

s16-009

Marta Figueiredo (Leiden Institute of Chemistry, Leiden University, Leiden, Netherlands), Ioannis Katsounaros, Yi-Fan Huang, Marc Koper

Carbon Dioxide Interactions with Platinum Single Crystals

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Andrey Goryachev (Chemical Engineering and Chemistry, Eindhoven University of Technology, Eindhoven, Netherlands), Francesco Carla, Jakub Drnec, Willem G. Onderwaater, Roberto Felici, Philipp P. T. Krause, Ad H. Wonders, Emiel J.M. Hensen, Jan P. Hofmann

Synchrotron Based Operando Surface X-Ray Scattering Study Towards Structure-Activity Relationships of Model Electrocatalysts

s16-011

Mareike Haensch (Institute of Chemistry, Carl von Ossietzky University of Oldenburg, Oldenburg, Germany), Gunther Wittstock

Nanoporous gold - A prototype for a rational design of catalysts: Electrocatalysis and transport in nanoporous gold

s16-012

Kim Jensen (DTU Physics, DTU, CINF, Kgs. Lyngby, Denmark), Jakub Tymoczko, Aliaksandr Bandarenka, Ib Chorkendorff, Maria Escudero-Escribano

The Experimental Elucidation of the Oxygen Reduction Volcano in Alkaline Media, using Cu/Pt(111) Near-Surface Alloys

s16-013

Ioannis Katsounaros (Leiden Institute of Chemistry, Leiden University, Leiden, Netherlands), Xiaoting Chen, Marta Figueiredo, Federico Calle-Vallejo, Marc Koper

Electrochemistry of Nitrogen-Containing Compounds on Platinum Single-Crystals

s16-014

Sara Morandi (Chemistry, Università degli Studi di Milano, Milano, Italy), Cristina Locatelli, Alessandro Minguzzi, Sandra Rondinini, Alberto Vertova, Vladimiro Dal Santo, Francesco Malara, Alberto Naldoni

SECM Study of Innovative Hematite/Overlayers Architectures

s16-015

Jan Vos (Leiden Institute of Chemistry, Leiden University, Leiden, Netherlands), Marc Koper

Selective Water Oxidation on MnO_2 in the Presence of Chloride: Effect of pH and Chloride Concentration

Electrochemical materials and interfaces

s16-016

Yassine Addi (Chimie, USTHB-ENPEI, ALgiers , Algeria), Ali Khouider

Zinc –Nickel Coatings on Substrate in Presence of Cadmium in Acid Medium

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Fabio Bottari (Department of Chemistry, University of Antwerp, Antwerp, Belgium), Karolien De Wael

Surface modifications of Boron Doped Diamond electrodes: Electrochemical pretreatments for sensing of drugs and antibiotics

s16-018

Adriana Correia (Analytical Chemistry and Physical Chemistry, Federal University of Ceara, Fortaleza, Brazil), Camila Sousa, Francisco Ribeiro, Michele Salvador, Paula Homem-de-Mello, Pedro De Lima-Neto, Adriana Correia

Electrochemical and Computational Studies for Acetaminophen Detection using fMWCNT and Polyethylenimine Modified Electrode

s16-019

Victor Emets (Electrocatalysis, Frumkin Institute of Physical Chemistry and Electrochemistry, Moscow, Russia), Alexey Melnikov, Boris Damaskin

Electric double layer structure and specific adsorption of Cl^-, Br^- and I^- ions on (Cd-Ga)/ dimethylfofmamide interface

s16-020

Ben Erné (Physical and Colloid Chemistry, Debye Inst. Nanomater. Sci., Utrecht University, Utrecht, Netherlands), Mark Vis, Hans Tromp

Spontaneous Electrification of Water-in-Water Emulsion Droplets

s16-021

Graziela C.A. Ferreira (Physical Chemistry, Institute of Chemistry São Carlos, University of São Paulo, São Carlos, Brazil), Teko Napporn, Kouakou Boniface Kokoh, Hamilton Varela

Oscillatory instabilities during the electro-oxidation of D-(+)-glucose on gold

s16-022

Eibar Flores (Electrochemistry Laboratory, Paul Scherrer Institut, Villigen PSI, Switzerland), Rosa Robert, Petr Novák, Erik J. Berg

Interface stability of the Li-ion cathode $LiNi_{0.8}Co_{0.15}Al_{0.05}O_2$ during overcharge and -discharge conditions

s16-023

Yi-Fan Huang (Leiden Institute of Chemistry, Universiteit Leiden, Leiden, Netherlands), Marc Koper

In-situ Raman spectroscopic study on the electrochemical oxidation of Pt(111) and Pt(100) single crystals

s16-024

Svetlozar Ivanov (Electrochemistry and Electroplating Group, Ilmenau University of Technology, Ilmenau, Germany), Codruta Vlaic, Andreas Bund, Igor Efimov

In Situ Analysis of Surface Roughness and Viscoelastic Effects During Deposition of Thin Silicon Layers From Ionic Liquid Electrolyte

s16-025

Danqing Liu (Chemistry, University of Warwick, Coventry, United Kingdom), Patrick Unwin, Julie Macpherson, Chang-Hui Chen, Geoff West

Factors Affecting the Solvent Window of Polycrystalline Boron-Doped Diamond Electrodes Revealed with Correlative Electrochemical-Microscopy

s16-026

Ove Oll (Institute of Chemistry, University of Tartu, Tartu, Estonia), Georg Gorbatovski, Piret Pikma, Enn Lust, Heili Kasuk

Formation of bipyridine self-assembled monolayers on Sb(111) electrode surface

s16-027

Tamás Pajkossy (Institute of Materials and Environmental Chemistry, Research Centre for Natural Sciences, Budapest, Hungary), Soma Vesztergom, Katalin Németh, Claus Müller, Timo Jacob

Interfacial capacitance spectra in ionic liquids

s16-028

Micheál D. Scanlon (Chemistry, University College Cork, Cork, Ireland), Andrés Molina Osorio

Interfacial (photo)electrochemistry and Raman spectroscopy of porphyrin functionalised soft interfaces

s16-029

Yang Shang (School of Physics, Beihang University, Beijing, China)

Investigation of $LiFePO_4$ Thin films as Li-ion Battery Cathode by in-situ Electrochemical Atomic Force Microscopy in Aqueous Electrolyte

s16-030

Liis Siinor (Service de Chimie Analytique et Chimie des Interfaces, Université libre de Bruxelles, Bruxelles, Belgium), Carolin Siimenson, Thomas Doneux, Claudine Buess-Herman

Electrochemical Characterization of Au(poly)| 2,2'-BP+BMMImNTf$_2$ and Au(111)|2,2'-BP+BMMImNTf$_2$ Interfaces

s16-031

Burton Simpson (Department of Chemistry, University of Illinois at Urbana-Champaign, Urbana, USA), Joaquin Rodriguez Lopez

Electrochemical Imaging and Interrogation of Nano-Scale Reactive Domains During Photoelectrocatalysis

s16-032

Eva-Maria Steyskal (Institute of Materials Physics, Graz University of Technology, Graz, Austria), Peter Pölt, Mihaela Albu, Roland Würschum

Electrochemically Tunable Resistance of Nanoporous Platinum Produced by Dealloying

s16-033

Momo Yaguchi (Section of Interfacial Spectrochemistry, Institute for Catalysis, Hokkaido University, Sapporo, Japan), Taro Uchida, Kenta Motobayashi, Masatoshi Osawa

Adsorption of Phosphate Ions at Gold Electrodes at Various pH Values: An *In-Situ* Surface-Enhanced IR Spectroscopic Study

s16-034

Kan Kan Yeung (Mechanical and Aerospace Engineering, Hong Kong University of Science and Technology, Hong Kong, China), Stephen Chin To Kwok, Francesco Ciucci, Matthew Ming-Fai Yuen

Interfacial Kinetics Study of the Lead-acid Battery Electrode with Graphene Additive via Scanning Electrochemical Microscopy

s16-035

Jeongse Yun (Department of Chemistry, Seoul National University, Seoul, Korea), Jae Gyeong Lee, Jin-Young Lee, Samuel Jaeho Shin

Electrochemical Reaction in Metal-SiO_2-Si system mediated by Hydrogen Atom

s16-036

Lingxing Zan (Electrochemistry Dept., Bonn university, Bonn, Germany), A.A. Abd-El-Latif, Helmut Baltruschat

Investigation of antimony deposition on Au(111) by EC-STM

Environmental technology

s16-037

Tamires Ferreira da Costa (Institute of Chemistry, Federal University of Rio Grande do Norte, Natal, Brazil), Dayanne Chianca de Moura, Ricardo Salazar, Marco Antonio Quiroz, Carlos Alberto Martinez-Huitle

Electrochemical Degradation of Acid Blue 113 dye Using TiO_2-Nanotubes Decorated with PbO_2 as Anode

Microscopy

s16-038

Leon Jacobse (Catalysis and Surface Chemistry, Leiden Institute of Chemistry - Leiden University, Leiden, Netherlands), Yi-Fan Huang, Marcel Rost, Marc Koper

Live, in situ STM observation of the oxidative roughening of Pt(111)

s16-039

Bryn Jones (Chemistry, University of Warwick, Coventry, United Kingdom), Patrick Unwin

Bias-Modulated Scanning Ion Conductance Microscopy as a Tool to Investigate Surface Chemistry

s16-040

Can Liu (Institute for Catalysis, Hokkaido University, Sapporo, Japan), Yu Qiao, Shen Ye

In-situ AFM Observations of Oxygen Reduction Reaction on the Cathode Surface of the Li-O_2 Battery

s16-041

Ove Oll (Institute of Chemistry, University of Tartu, Tartu, Estonia), Erik Anderson, Carolin Siimenson, Laura Läll, Enn Lust

In Situ STM Studies of Electrochemical Stability and 2D Layer Formation at Bi(111)|Halide Ionic Liquid Mixture Interface

Molecular electrochemistry

s16-042

Hiro Minamimoto (Department of Chemistry, Faculty of Science, Hokkaido University, Sapporo, Japan), Satoshi Yasuda, Kei Murakoshi

Observation of Water Molecules at Hydrogen Evolution Process using in-situ Electrochemical Surface-Enhanced Raman Scattering

Spectroscopic methods

s16-043

Alina Belova (Department of Materials Sciences, Lomonosov Moscow State University, Moscow, Russia), Luca Gregoratti, Matteo Amati, Hikmet Sezen, Elmar Kataev, Olesya Kapitanova, Daniil Itkis, Lada Yashina

XPS imaging of $Li2O_2$ formation on graphene electrodes upon the discharge of solid state Li-O2 battery

s16-044

Ismael Díez (Physical Chemistry Department, University of Barcelona, Barcelona, Spain), Juan Manuel Artes Vivancos, Fausto Sanz, Pau Gorostiza, Montse López

Conductance imaging of electronic materials and redox proteins in aqueous solution at the nanoscale

s16-045

Shu Hu (College of Chemistry and Chemical Engineering, Xiamen University, Xiamen, China), Zhang Yue-Jiao, Juan-Juan Sun, Kai-Qiang Lin, Bi-Ju Liu, Jian-Feng Li, Bin Ren

Electrochemical dark-field scattering technique for in situ monitoring the UPD process of silver on single gold nanoparticles

s16-046

Sheng-Chao Huang (College of Chemistry and Chemical Engineering, Xiamen University, Xiamen, China), Zhi-Cong Zeng, Xiang Wang, Teng-Xiang Huang, Jin-Hui Zhong, Bin Ren

Electrochemical TERS monitoring the nanoscale decarboxylation reaction driven by the synergistic plasmonic and electrocatalytic effect

s16-047

Danai Panagoulia (Chemistry, University of Southampton, Southampton, United Kingdom), Robert Johnson, Tammy Nimmo, Andrea Russell

Exploring the Metal - Ionic Liquid Interface using Electrochemical SERS on Nanostructured Substrates

s16-048

Francisco Prieto (Physical Chemistry, University of Seville, Seville, Spain), Julia Alvarez-Malmagro, Manuela Rueda

In situ Surface-Enhanced Infrared Spectroscopy Study of Adsorbed Thymine Tautomers on Gold Electrodes and their Interactions with Co-Adsorbed Adenine

s16-049

Mara Serrapede (Dipartimento Scienza Applicata e Tecnologia (DISAT), Politecnico di Torino, Torino, Italy), Mara Serrapede, Simone Marasso, Stefano Bianco, Andrea Lamberti, Anca Luiza Ionescu, Candido F. Pirri, Elena Tresso

Study of Faradaic and Non-Faradaic Charge Storage Contributions in Graphene-Based Supercapacitors Using Electrochemical Methods

s16-050

Siti N.A. Zakaria (Chemistry, University College London, London, United Kingdom), Husn-Ubayda Islam, Nathan Hollingsworth, Alberto Roldan-Martinez, Katherine B. Holt

Spectroelectrochemical Studies of Iron Sulfides for CO_2 Reduction

s16-051

Jorge O. Zerbino (Electrochemistry, Instituto de Inv. Fisicoquímicas, INIFTA, La Plata, Argentina), Ricardo I. Tucceri, Alberto Maltz

Conductivity of Poly(o-aminophenol) films and its dependence on the storage time and electrolyte solution composition

Theoretical modeling and simulation

s16-052

Tamires Ferreira da Costa (Institute of Chemistry, Federal University of Rio Grande do Norte, Natal, Brazil), Carlos Alberto Martinez-Huitle, Paola Quaino, Elizabeth Santos, Wolfgang Schmickler, Maria Fernanda Juarez

Theoretical Studies of Diamond Surfaces – Effect of the Boron-Doping on the Adsorption of Different Species

s16-053

Fabian Single (German Aerospace Center (DLR), Helmholtz Institute Ulm (HIU), Ulm, Germany), Birger Horstmann, Arnulf Latz

Modeling Solid Electrolyte Interphase Formation and Morphology

s16-054

Markus Sinstein (Theoretische Chemie, Technische Universität München, Garching, Germany), Harald Oberhofer, Daniel Berger, Karsten Reuter

Continuum Embedding for Photo-Electrochemical Surface Processes

s16-055

Libuse Trnkova (Department of Chemistry, Faculty of Science, Masaryk University, Brno, Czech Republic)

Elimination Voltammetry with Potential Shift

Symposium 17 Attention: Theory Only

Charge transfer in low-dimensional structures

s17-001

P. Ulrich Biedermann (Interface Chemistry and Surface Engineering, Max-Planck-Institut für Eisenforschung GmbH, Düsseldorf, Germany), Simantini Nayak, Andreas Erbe

The Electrochemical Oxygen Reduction Mechanism: Combined DFT and In-Situ ATR-IR Study on Semiconductor Surfaces

s17-002

Zinaida Kostiuchenko (TNW-Nanoionics, University of Twente, Enschede, Netherlands), Serge Lemay

Stochastic charge fluctuations in bipolar electrodes

s17-003

Pekka Peljo (Laboratoire d'Electrochimie Physique et Analytique, Ecole Polytechnique Fédérale de Lausanne, Sion, Switzerland), Nico Holmberg, Kari Laasonen, Jose Manzanares, Hubert Girault

Contact Potentials, Fermi Level Equilibration and Charge Distribution: Effect on Electrocatalysis

Nanoconfinement and nanostructures

s17-004

Luis Balboa (Department of Chemistry, Oldenburg, Germany), Gunther Wittstock

Modeling and simulation of transient scanning electrochemical microscopy response of porous electrodes

Structure and dynamics of interfacial water

s17-005

Zhengda He (Chemistry, Leiden Institute of Chemistry, Leiden, Netherlands), Federico Calle-Vallejo, Marc Koper

Solvation Correction for *OH Adsorption Energies on Transition Metal Surfaces

Structure formation and dynamics in electrochemical systems

s17-006

Darren Buesen (Center for Electrochemical Science (CES), Ruhr-Universität Bochum, Bochum, Germany), Nicolas Plumeré

Electroanalytical Methods and Simulation for the Determination of Redox Film Thickness in the Solvated State

s17-007

Olga Gichan (Institute of Surface Chemistry, Henerala Naumova 17, Kyiv, Ukraine), Valentina Pototskaya

Ohmic Losses and Dynamic Instabilities in Electrochemical Systems

s17-008

Adrien Göttle (Catalysis and surface chemistry, Leiden Institute of Chemistry, Leiden, Netherlands), Jing Shen, Manuel Kolb, Marc Koper

Electrochemical Reduction of CO_2 Catalyzed by Cobalt Porphyrin Complexes: a Mechanistic Study from DFT.

s17-009

Hendrik H. Heenen (Theoretical Chemistry, Technische Universität München, Garching, Germany), Simone S. Köcher, Christoph Scheurer, Karsten Reuter

Simulating experimental length- and timescales:Li ion mobility in occupationally disordered battery materials

s17-010

Manuel Landstorfer (RG 7-Thermodynamic Modeling and Analysis of Phase Transition, Weierstrass Institute for Applied Analysis and Stochastics, Berlin, Germany), Clemens Guhlke, Ruediger Mueller, Wolfgang Dreyer

New insights on the interfacial tension of electrochemical interfaces and the Lippmann equation

s17-011

Michele Tedesco (Wetsus, Wetsus, Leeuwarden, Netherlands), Bert Hamelers, Maarten Biesheuvel

Influence of Water Transport in (Reverse) Electrodialysis

s17-012

Mikhail Vorotyntsev (Lomonosov Department, Lomonosov Moscow State University, Moscow, Russia), Yury Tolmachev, Dmitry Konev, Anatoly Antipov

Novel Autocatalytic Mechanism of Electrochemical Processes and Its Implications for Electrical Energy Sources

Theory of random heterogeneous media

s17-013

Sze-yin Tan (Department of Chemistry, University of Warwick, Coventry, United Kingdom), Jie Zhang, Alan M. Bond, Julie Macpherson, Patrick Unwin

Fourier-Transformed Alternating Current Voltammetry as a Probe of Spatially Heterogeneous Electron Transfer Kinetics

s17-014

Xueqing Zhang (Solar Fuels, Dutch Institute For Fundamental Energy Research, Eindhoven, Netherlands), Peter Klaver, Rutger van Santen, Richard van de Sanden

Simulation of the Oxygen Evolution Reaction at Hematite Surfaces

Symposium 18 Electrochemistry, Photo-Electrochemistry and Bioelectrochemistry of Artificial Photosynthesis: Recent Advances in CO_2 Conversion to Products

CO_2 conversion and utilization

s18-001

Pablo Ampudia Castresana (Dipartimento di ingegneria meccanica, chimica e dei material, Università degli studi di Cagliari, Cagliari, Italy), Pablo Ampudia Castresana, Annalisa Vacca, Michele Mascia, Simonetta Palmas

Electrochemical behaviour of synthesized Cu-Ni composites for CO_2 electroreduction

s18-002

Fethi Bedioui (Technologies Chimiques et Biologiques pour la Santé, CNRS-Chimie ParisTech-INSERM-Univ Paris Descartes, Paris, France), Marcelo Girardi, Anna Proust, Sebastien Blanchard, Sophie Griveau

Polyoxometalates : Potential Catalysts for the Electroassisted Reduction of CO_2

s18-003

Florent Boissou (IC2MP - UMR CNRS 7285, University of Poitiers, Poitiers, France), Stève Baranton, Karine Vigier, Christophe Coutanceau

Electrochemical reduction of CO_2 in choline chloride based deep eutectic solvents (DES)

s18-004

M.Amin Farkhondehfal (Applied science and technology (DISAT), Politecnico di Torino, Turin, Italy), M.Amin Farkhondehfal, Simelys Hernandez, Andrea Lamberti, Guido Saracco, Candido F. Pirri, Nunzio Russo

Electrochemical CO_2 reduction for CO production exploiting Ag-decorated TiO_2 nanotubes

s18-005

Dorottya Hursán (MTA-SZTE Lendület Photoelectrochemistry Research Group, University of Szeged, Szeged, Hungary), Gábor London, Csaba Janáky

Custom-designed Electroactive Polymers for H_2 evolution and CO_2 Reduction

s18-006

Ewelina Szaniawska (Department of Chemistry, University of Warsaw, Warsaw, Poland), Krzysztof Bienkowski, Renata Solarska, Iwona A. Rutkowska, Pawel J. Kulesza

Generation of Alternative Fuels Through Photoelectrochemical Reduction of Carbon Dioxide

s18-007

Maria Valnice Boldrin Zanoni (Analytical Chemistry, Institute of Chemistry, Universidade Estadual Paulista, Araraquara, Brazil), Juliana Ferreira Brito

On the Application of Ti/TiO_2/CuO n-p Junction Semiconductor: A case study of Electrolyte and Potential Influence on CO_2 Reduction

CO_2 electrochemistry

s18-008

Xue-Jiao Chen (College of Chemistry and Chemical Engineering, Xiamen University, Xiamen, China), Song Yu, De-Yin Wu, Zhong-Qun Tian

Mechanistic Research on the Pyridine-Catalytic Electrochemcial Reduction of CO_2 at the Pt surface Based on the Surface-Enhanced Raman Spectroscopic Study

s18-009

Nienke Firet (Materials for Energy Conversion and Storage, Delft University of Technology, Delft, Netherlands), Wilson Smith

Probing the reaction mechanism of CO_2 reduction using ATR-FTIR

s18-010

Xin-Ming Hu (Interdisciplinary Nanoscience Center (iNANO), Aarhus University, Aarhus, Denmark), Zakaria Salmi, Mie Lillethorup, Emil B. Pedersen, Marc Robert, Steen U. Pedersen, Troels Skrydstrup, Kim Daasbjerg

Controlled Electropolymerisation of a Carbazole-Functionalised Iron Porphyrin Electrocatalyst for CO_2 Reduction

s18-011

Mauricio Isaacs (Departamento de Química Inorganica, Pontificia Universidad Catolica de Chile, Santiago, Chile), Esteban Landaeta, Diego Quezada, Jessica Honores, Diego Guzman, Ricardo Schrebler, Ana Burgos

Synthesis of Cu_2O Supported Lignin Modified Electrodes: Photo-electrocatalysis for CO_2 Reduction

s18-012

Ryosuke Jinnouchi (Smart Material Design Division, Toyota Central R&D Labs., Inc., Nagakute, Japan), Alexey Akimov, Soichi Shirai, Ryoji Asahi, Oleg Prezhdo

Theoretical Simulation on Electron Transfer at Ru-complex/N-Ta_2O_5 interface for Photocatalytic CO_2 reduction

s18-013

Juan Manriquez (Dept. of Research, CIDETEQ, Pedro Escobedo, Mexico), Jorge-Alberto Banda-Alemán, Selene Sepúlveda-Guzmán

Electrochemical CO_2 reduction on Ag nanodendrites electrodeposited on In-doped SnO_2 electrodes immersed in aprotic medium

s18-014

Roman Michez (Faculté des Sciences, Université libre de Bruxelles, Bruxelles, Belgium), Thomas Doneux, Claudine Buess-Herman

Influence of the Ionic Liquid Nature on the Electrochemical Reduction of CO_2

s18-015

Javier Monzó (School of Chemistry, University of Birmingham, Birmingham, United Kingdom), Yvonne Malewski, Ruud Kortlever, Francisco Jose Vidal-Iglesias, Jose Solla-Gullón, Marc Koper, Paramaconi Rodriguez

Enhanced Electrocatalytic Activity of Au@Cu Core@shell Nanoparticles Towards CO_2 Reduction

s18-016

Hideshi Ooka (Leiden Institute of Chemistry, Universiteit Leiden, Leiden, Netherlands), Marc Koper

Competition of Carbon Dioxide Reduction and Hydrogen Evolution on Copper Electrodes

s18-017

Anna Wuttig (Chemistry, Massachusetts Institute of Technology, Cambridge, USA), Anna Wuttig, Momo Yaguchi, Kenta Motobayashi, Masatoshi Osawa, Yogesh Surendranath

Inhibited Proton Transfer Enhances Au-catalyzed CO_2-to-Fuels Selectivity

Electrocatalytic conversion

s18-018

Yuvraj Y. Birdja (Catalysis and Surface Chemistry, Leiden Institute of Chemistry, Leiden, Netherlands), Marc Koper

Boron Doped Diamond as electrocatalyst for solar fuel production

s18-019

Guay Daniel (Energie, Materiaux, Telecommunications, INRS, Varennes, Canada), Claudie Roy, Sébastien Garbarino, Erwan Bertin

Electrodeposited Catalysts: From Formic Acid Oxidation on Pt(100) to Carbon Dioxide Electroreduction on Bi

s18-020

Dennis Kopljar (Institute of Chemical Technology, University of Stuttgart, Stuttgart, Germany), Norbert Wagner, Elias Klemm

Development and Optimization of Gas Diffusion Electrodes forElectrochemical CO2 Reduction at High Current Density

s18-021

Fengwang Li (School of Chemistry, Monash University, Melbourne, Australia), Shu-Feng Zhao, Lu Chen, Azam Khan, Douglas MacFarlane, Jie Zhang

Polyethylenimine Promoted Electrocatalytic Reduction of CO_2 to CO in Aqueous Medium by Graphene-Supported Amorphous Molybdenum Sulphide

s18-022

Anna Lisowska-Oleksiak (Faculty of Chemistry, Gdansk University of Technology, Gdañsk, Poland), Mariusz Szkoda

The highly ordered hetero-junction combining titania nanotubes and Prussian Blue network imbedded inside PEDOT matrix exhibiting FeII/FeIII redox activity and enhanced photoactivity

s18-023

Elena Perez Gallent (CASC / LIC, Leiden University, Leiden, Netherlands), Marta Figueiredo, Ioannis Katsounaros, Marc Koper

Electrocatalytic Reduction of Nitrate on Copper Single Crystals

s18-024

Ali Shahraei (Department of Materials- and Earth Science, TU Darmstadt, Darmstadt, Germany), Ulrike I. Kramm

On the role of metal species in Me-N-C catalysts for Hydrogen Evolution Reaction in Alkaline environment

s18-025

Robbe Vervecken (Faculty of Applied Engineering, University of Antwerp, Wilrijk, Belgium), Bart Geboes, Jonas Hereijgers, Vera Meynen, Tom Breugelmans

The use of Ag/Cu core-shell nanoparticles for the reduction of CO_2

s18-026

Luciana Vieira (Assistant Bio, Electro and Chemocatalysis BioCat, Fraunhofer Institute IGB, Straubing, Germany), Sunil Kavunga, Lenard-Istvan Csepei, Tobias Gärtner, Fabian Steffler, Volker Sieber

Electro-Bio-Catalytic Conversion of CO_2 to Valuable Products

Microbial Electrosynthesis

s18-027

Deepak Pant (Separation & Conversion Technologies, VITO - Flemish Institute for Technological Research, MOL, Belgium), Sandipam Srikanth, Karolien Vanbroekhoven

Dehydrogenase cascade at cathode for bioelectrochemical production of ethanol from CO_2: Role of carbonic anhydrase

Photo and Plasma Electrochemistry

s18-028

Pablo Ampudia Castresana (Dipartimento di ingegneria meccanica, chimica e dei material, Università degli studi di Cagliari, Cagliari, Italy), Laura Mais, Simonetta Palmas, Michele Mascia, Annalisa Vacca

Enhancement of the WO3 performances for PEC applications

s18-029

Louzhen Fan (Department of Chemistry, Beijing Normal University, Beijing, China), Mo Zhang

Synthesis of Fluorescent Graphene Quantum Dots for Stem Cell Platform

s18-030

Paula Grez (Instituto de Química, Pontificia Universidad Católica de Valparaíso, Valparaíso, Chile), Luis Ballesteros, Carlos Celedón, Cristopher Heyser, Camila Rojas, Ricardo Schrebler

Synthesis and characterization of Cu_2O nanostructures formed by anodization sonoelectrochemical

s18-031

Mohammadamin Haghighatbin (Department of Chemistry and Physics, La Trobe Institute of Molecular Sciences (LIMS), Melbourne, Australia), Gregory Barbante, P.L. Burn, S-C. Lo, Conor Hogan

Spectroscopic, electrochemical and electrochemiluminescent properties of highly luminescent Iridium(III) 1,2,4-triazole complexes

s18-032

Chao Han (Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences, Nanjing, China)

Quantitative Imaging of pH Distribution in Alkaline Sediments and Water Based on a New Rapid Response Fluorescent Planar Optode

s18-033

Sina Hejazi (Department of Materials Science, WWIV-LKO, Friedrich-Alexander-Universität Erlangen-Nürnberg, Erlangen, Germany), Sina Hejazi, Nhat Truong Nguyen, Anca Mazare, Patrik Schmuki

Hydrothermal amine treatment of TiO_2 nanotube for improving photocurrent response

s18-034

Cristopher Heyser (Instituto de Química, Pontificia Universidad Católica de Valparaíso, Valparaíso, Chile), Ricardo Schrebler, Javier Roman, Paula Grez

Synthesis and Characterization of Electrical and Morphological Properties of NiO

s18-035

Chengyi Hou (DTU Chemistry, Technical University of Denmark, Kgs. Lyngby, Denmark), Minwei Zhang, Christian Engelbrekt, Qijin Chi

Reagent-free electrolytic synthesis of metal-metal oxide core-shell microfibers with plasmonic anti-oxidation functionality

s18-036

Mahsa Saeedi Maleki (Department of Chemistry and Physics, La Trobe Institute for, La Trobe University, Melbourne, Australia), Conor Hogan

Low Cost Sensing of Pseudoephedrine withElectrochemiluminescence Detection

s18-037

Longfei Wu (Department of Chemical Engineering and Chemistry, Eindhoven University of Technology, Eindhoven, Netherlands), Longfei Wu, Nelson Y. Dzade, Lu Gao, Nora H. de Leeuw, Emiel J.M. Hensen, Jan P. Hofmann

Mixed Iron Pyrite-Marcasite Films with Enhanced Photo-Response

s18-038

Jianbo Wu (College of Physics & Electronic Engineering, Taizhou University, Taizhou, China), Weiping Chen, Renqing Guo

Heterostructured BiOCl/Ag_3PO_4 for Photoelectrochemical Water Splitting

Solar fuels

s18-039

Alexander Milbrat (TNW, University of Twente, Enschede, Netherlands), Rick Elbersen, Recep Kas, Roald Tiggelaar, Han Gardeniers, Guido Mul, Jurriaan Huskens

Spatioselective Electrochemical and Photoelectrochemical Functionalization of Silicon Microwires with Axial p/n Junctions

s18-040

Thibaut Stoll (Solar Fuels, Dutch Institute for fundamental energy research, DIFFER, Eindhoven, Netherlands)

Towards visible light activated porous photoanodes in conjunction with polymeric electrolyte photoelectrochemical cell with gaseous reactants

s18-041

Georgios Zafeiropoulos (Solar Fuels, Dutch Institute for fundamental energy research, DIFFER, Eindhoven, Netherlands)

H_2 production in polymeric electrolyte photoelectrochemical cell with titania nanotube arrays as photoanode and gaseous reactants

Symposium 20 General Session

Analytical Electrochemistry

s20-001

Alejandro Alvarez-Lueje (Pharmacological and Toxicological Chemistry, University of Chile, Santiago, Chile)

Voltammetric Studies of Drugs using Carbon-Based Electrodes Modified with Ionic Liquids

s20-002

William Araujo (Department of Fundamental Chemistry, University of São Paulo, São Paulo, Brazil), Thiago Paixão

Electrochemical detection of paracetamol in confiscated cocaine samples using a simple and low cost office paper-based analytical device

s20-003

Ricardo F. Brocenschi (Chemistry Departament, Federal University of São Carlos (UFSCar), São Carlos, Brazil), Adriana A. Almeida, Douglas A.C. Coledam, Romeu C. Rocha-Filho, Nerilso Bocchi, Sonia R. Biaggio

Electrochemical determination of norfloxacin in drugs and biological fluids using a cathodically pretreated boron-doped diamond electrode

s20-004

Arturo García-Mendoza (Analytical Chemistry, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico), Carlos M. Bermejo-Gerardo, Julio C. Aguilar

Electrochemical study of interfaces between electrical conductors and imidazolium-based ionic liquids.

s20-005

Takashi Kakiuchi (Department of Chemistry of Functional Molecules, Konan University, Kobe, Japan), Keisuke Kamon, Masahiro Yamamoto

Formal and mid-point potentials of ferricyanide/ferrocyanide redox couple demonstrate the significance of single-ion activity in electrochemistry

s20-006

Carsten Korte (IEK-3, Forschungszentrum Jülich GmbH, Jülich, Germany), Fosca Conti, Werner Lehnert

Changes in phosphoric acid at elevated temperature in humidified air

s20-007

Christian Merdon (Numerical Analysis Group, Weierstrass Institute for Applied Analysis and Stochastics, Berlin, Germany), Jürgen Fuhrmann, Alexander Linke, A.A. Abd-El-Latif, Mehdi Khodayari, Philip Reinsberg, Helmut Baltruschat

Inverse Modelling of Thin Layer Flow Cells and RRDEs

s20-008

Joan Piquero Cilla (Química analítica, Universitat de València, Valencia, Spain), Xavier Ferragud, Vicent Guerola Blay, Ximo Company, María Teresa Doménech-Carbó, Antonio Doménech-Carbó

Electrochemical Analysis of Golden Ornamentation in the Valencian Region (Spain) between the 15th and 20th Centuries

s20-009

Jorge Redondo Marugán (Institut de Restauració del Patrimoni, Universitat Politècnica de València, Valencia, Spain), Antonio Doménech-Carbó, María Teresa Doménech-Carbó, Laura Osete-Cortina, Joaquín Barrio, Angel Fuentes, María Victoria Vivancos-Ramón, Wassef Al Sekhaneh

Diagnostic Criteria for Authentication of Archeological Leaded Bronze Objects using the Voltammetry of Immobilized Particles

s20-010

Thiago Selva (Department of Fundamental Chemistry, Chemistry Institute, University of São Paulo, São Paulo, Brazil), Thiago Paixão

Electrochemical Quantification of Propoxur Carbamate Pesticide using a Boron-Doped Diamond Electrode

s20-011

José Ricardo Silva (Institute of Chemistry, University of Sao Paulo, Sao Paulo, Brazil), William Araujo, Thiago Paixão

Sonoelectrochemical Paper-Based Sensor for Metal Stripping Analysis

s20-012

Irina Svir (Department of Chemistry, CNRS UMR 8640 'PASTEUR', Ecole Normale Superieure, Paris, France), Oleksii Sliusarenko, Alexander Oleinick, Christian Amatore

Validating a Central Approximation in Theories of Regular and Random Electrochemical Electrode Arrays

s20-013

Adrian de-Santiago (Analytical Chemistry, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico), Dulce Consuelo Guzmán-Ocampo, Juan Felipe Huan Lew-Yee, Arturo García-Mendoza, Alejandro Baeza

Microscale coulometric acid-base titration with locally produced instrumentation.

s20-014

Adrian de-Santiago (Analytical Chemistry, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico), Dulce Consuelo Guzmán-Ocampo, Juan Felipe Huan Lew-Yee, Arturo García-Mendoza, Alejandro Baeza

Microscale potentiometric stripping analysis with locally produced instrumentation

Bioelectrochemistry

s20-015

Mirela Enache (Surface Chemistry and Catalysis, Institute of Physical Chemistry Ilie Murgulescu, Bucharest, Romania), Mirela Enache, Mihai Anastasescu, Catalin Negrila, Mihai F. Lazarescu, Valentina Lazarescu

Electrochemical Behavior of Epinephrine on L-Cysteine Modified GaAs(100) Electrode

s20-016

Efe Deniz Oztürk (Faculty of Science,Biochemistry Department, Ege University, Yzmir, Turkey), Erol Akyylmaz, Elcin Ad, Ihsan Yasa, Hayati Türkmen, M. Emin Günay

Development Of A Novel Gold Nanoparticle-Ionic Liquid Nanostructure Modified Pleurotus Ostreotus Based Microbial Biosensor System And Its Adaptation For The Determination Of Bisphenol A

s20-017

Carla Santana Santos (Fundamental Chemistry, University of Sao Paulo, 748, Prof. Lineu Prestes Avenue, São Paulo, Brazil), Mauro Bertotti

Investigations of Mitochondrial Respiration by Scanning Electrochemical Microscopy

Electrochemical Energy Conversion and Storage

s20-018

Paula Enciso (Laboratorio de Biomateriales, Facultad de Ciencias, Universidad de la República, Montevideo, Uruguay), María Fernanda Cerdá, Jean-David Décoppet, Michael Graetzel

Influence of Coadsorbents in the Adsorption of Phycocyanin on the Performance in DSSC

s20-019

Alberto Ganassin (Chemistry, Ruhr-Universität Bochum, Bochum, Germany), Aliaksandr Bandarenka, Wolfgang Schuhmann

Insights into the chlorine evolution reaction and investigation of the solvent influence on the Cl2/O2 selectivity

s20-020

Sang-hyeon Ha (Energetics and Defense Materials, Agency for Defense Development, Daejeon, Korea), Jaein Lee, Hyunki Yoon, Byeong June Park, Jang-Hyeon Cho

A Study on low temperature performance prediction of lithium-ion battery using modeling and simulation

s20-021

Ghoncheh Kasiri Bidhendi (Energiespeicher- und Energiewandlersysteme, Bremen Universität, Bremen, Germany), Amir Bani Hashemi, Rafael Trócoli, Fabio La Mantia

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Batisse, Nicolas, *(Tue s07)09:50*
Batista Deroco, Patricia, *s02-019*
Batista, Elisete A., *s07-132*
Battaglia, Corsin, *s10-058*
Battaglia, V., *(Tue s06)14:20*
Battistel, Alberto, *(Thu 20)09:30*, *(Fri 07)09:30*
Bayati, Maryam, *s07-004*
Bayer, Bernhard C., *(Thu 16)09:30*
Bazant, Martin Z., *(Mon s17)16:40*, *(Thu 12)18:20*
Beall, Edward, *(Mon s03)15:00*
Bechelany, Mikhael, *s09-012*
Becker-Steinberger, Katharina, *(Thu 06)15:20*, *s06-131*
Bedioui, Fethi, *s03-051*, *s04-029*, *s18-002*
Béguin, François, *(Mon s08)10:10*, *(Mon s08)18:20*, *(Tue s08)15:00*, *s08-001*, *s08-006*, *s08-009*
Behm, R. Jürgen, *(Tue s16)14:00*, *s02-070*
Behnken, Julian, *(Thu 07)10:10*
Beladi Mousavi, Seyyed Mohsen, *s10-054*
Bele, Marjan, *(Fri 07)11:30*, *s10-015*
Belenov, Sergey, *s07-056*, *s07-057*
Belhadj, Mariem, *s07-058*
Belin, Stéphanie, *(Tue s08)14:20*
Belkhalfa, Hakim, *(Fri 02)09:30*
Bell, Alexis T., *(Fri 18)11:30*
Belova, Alina, *s16-043*
Belsky, Petr, *s12-010*
Benaoudia, Dihia, *(Mon s01)17:20*
Benbrahim, Nassima, *s10-042*, *s13-021*
Benchettara, Abdelhakim, *s02-078*
Benchettara, Abdelkader, *s02-078*
Bendikov, Tatyana B., *(Fri 10)11:10*
Benedetti, Tânia, *s10-027*, *s10-048*
Benfedda, Baya, *s10-042*
Benfer, Sigrid, *(Fri 13)09:30*
Benincori, Tiziana, *(Mon s01)15:40*
Bentley, Cameron, *s01-002*, *s01-008*
Bera, Bapi, *s07-140*
Berbec, Sylwia, *(Thu 20)18:20*
Berestenko, Victor, *s06-015*
Berg, Erik J., *(Tue s08)10:30*, *(Tue s06)18:00*, *s16-022*
Berger, Daniel, *s16-054*
Berggren, Magnus, *s08-003*
Bergmann, Arno, *(Mon s07)09:30*, *(Mon s07)10:10*, *s07-059*
Bergmann, Henry, *(Tue s11)17:20*, *s11-011*
Bergna, Davide, *s07-122*
Bermejo-Gerardo, Carlos M., *s20-004*
Berna Galiano, Antonio, *(Mon s16)14:00*
Bernard, Laurent, *(Mon s06)17:40*
Bernardes, Andréa M., *s11-034*
Bertani, Federico, *s15-037*
Berthon-Fabry, Sandrine, *(Tue s07)09:50*
Bertin, Erwan, *s18-019*
Bertoncello, Paolo, *(Fri 02)11:10*
Bertotti, Mauro, *s02-004*, *s20-017*
Besaha, Khrystyna, *s06-027*
Besra, Laxmidhar, *(Tue s14)16:40*
Bessegato, Guilherme, *s02-060*
Best, Robert, *(Mon s03)10:10*
Betancourt, I., *s07-128*
Bezverkhyy, Igor, *(Fri 10)10:50*
Biaggio, Sonia R., *(Tue s11)14:00*, *s10-001*, *s20-003*, *s20-050*
Bian, Yanhong, *(Tue s09)10:10*
Bianchini, Mattéo, *(Thu 06)17:00*
Bianco, Stefano, *s16-049*
Biavardi, Elisa, *s15-037*
Bieberle-Hütter, Anja, *s02-061*
Biedermann, P. Ulrich, *s17-001*
Bienkowski, Krzysztof, *s18-006*
Biesheuvel, Maarten, *(Tue s09)14:00*, *(Tue s09)16:00*, *(Tue s09)18:20*, *(Thu 09)10:10*, *s09-004*, *s09-006*, *s17-011*
Biglé, Pascal, *s03-051*
Bigos, Agnieszka, *(Mon s13)14:00*
Bilewicz, Renata, *(Mon s03)16:00*, *(Wed s03)10:30*, *(Thu 04)18:00*, *s03-019*, *s03-026*, *s04-013*
Biller, Agnès, *s08-004*
Binti Mohammed Batcha, Abeed Fatima, *s02-007*
Birdja, Yuvraj Y., *(Mon s16)15:40*, *s15-029*, *s16-007*, *s18-018*
Birzan, Liviu, *s01-050*, *s15-020*
Bisang, José M., *s11-001*, *s11-015*, *s11-049*

Bischoff, Rainer, *(Mon s01)18*:*00*, *s15-006*
Bisselink, Roel, *s11-012*, *s11-013*
Bitenc, Jan, *(Tue s06)15*:*20*
Biyikli, Necmi, *s06-092*
Biyiklioglu, Zekeriya, *s10-099*
Bizzotto, Dan, *(Mon s16)09*:*30*, *s03-028*
Björefors, Fredrik, *(Mon s06)14*:*40*, *(Tue s06)10*:*10*, *s06-024*
Blanchard, Sebastien, *s18-002*
Blanda, Giuseppe, *s04-020*
Blanga, Raymond, *(Tue s06)14*:*00*
Blart, Erold, *(Thu 06)15*:*40*
Blatov, Vladislav A., *(Fri 06)11*:*50*
Blawert, Carsten, *(Mon s13)18*:*00*
Blidberg, Andreas, *(Tue s06)10*:*10*
Blout, Achraf, *s03-016*
Blumberger, Jochen, *(Mon s03)10*:*10*
Bobacka, Johan, *s01-012*
Bobes Limenes, Pablo, *s03-043*
Bobitski, Jaroslav, *s06-027*
Bobrowski, Tim, *s03-017*
Boccaccini, Aldo, *s14-015*, *s14-017*
Bocchi, Nerilso, *(Tue s11)14*:*00*, *s20-003*, *s20-050*
Böhme, Solveig, *s06-006*
Boeva, Zhanna, *s03-052*
Bograchev, Daniil, *s20-042*
Bohlen, Barbara, *s02-020*
Bohn, Paul, *(Wed s02)10*:*10*
Boillat, Pierre, *(Mon s07)14*:*20*
Boissou, Florent, *(Thu 20)14*:*00*, *s18-003*
Boivin, Edouard, *(Thu 06)17*:*00*
Bolat, Gulcin, *s02-021*, *s02-048*
Bollella, Paolo, *s02-054*
Bollo, Soledad, *s02-001*
Boltalina, Olga V., *s15-042*
Bolzan, Agustin E., *s02-022*
Bomer, Johan, *(Mon s01)18*:*00*
Bonastre, Alex, *s02-036*
Bonazza, Gregorio, *(Tue s01)10*:*10*
Bonchio, Marcella, *(Fri 10)10*:*10*
Bond, Alan M., *s01-002*, *s01-008*, *s04-004*, *s17-013*
Bondue, Christoph, *(Mon s06)15*:*40*, *(Fri 06)10*:*50*
Bonfim, Carolina, *s03-018*
Boni, Alessandro, *(Fri 10)10*:*10*, *s10-022*, *s15-030*
Bonnefont, Antoine, *(Thu 07)18*:*00*, *s07-116*, *s07-144*, *s10-024*, *s10-025*
Bonnet, Caroline, *(Thu 12)16*:*00*, *s07-060*
Bonneux, Gilles, *s06-082*
Bonthuis, Douwe Jan, *(Mon s17)18*:*00*
Boon-Brett, Lois, *(Thu 12)15*:*20*, *s06-039*, *s06-040*, *s06-058*
Bordet, Pierre, *(Tue s07)17*:*40*, *(Fri 07)10*:*10*
Borghei, Maryam, *s07-014*
Borisov, Sergey, *(Thu 06)17*:*20*
Borowicz, Pawel, *(Mon s03)17*:*00*
Borsa, Dana M., *s06-107*
Boshnakova, Iveta, *s07-005*
Botello, Luis, *s20-033*, *s20-062*
Bott-Neto, Jose L., *(Thu 07)17*:*40*
Bottari, Fabio, *s01-027*, *s16-017*
Bottin, Hervé, *(Mon s03)10*:*10*
Botz, Alexander J.R., , *s02-002*, *s03-059*, *s07-089*
Bouali, Anissa, *(Tue s13)17*:*20*
Bouckenooge, Pieter, *(Thu 10)17*:*00*
Boudinar, Salem, *s10-042*
Boudjoui, Selim, *s01-038*
Bouffier, Laurent, *(Mon s16)16*:*00*, *(Tue s03)18*:*20*, *(Thu 10)10*:*10*
Boughrara, Dalila, *s13-021*
Boukherroub, Rabah, *(Fri 02)09*:*30*
Boulanger, Clotilde, *s11-002*
Boutarfaia, Slimane, *s13-021*
Bouwman, Elisabeth, *s15-026*
Bouwman, Peter, *(Thu 12)17*:*40*
Bouzek, Karel, *(Mon s11)14*:*00*, *(Mon s11)14*:*40*, *(Tue s11)10*:*10*, *s07-067*, *s12-010*, *s20-059*
Brachetti-Sibaja, Silvia B., *s13-002*
Bragato, Carlo, *(Tue s01)10*:*10*
Brancoveanu, Oana, *s14-003*
Brandell, Daniel, *(Mon s06)14*:*40*
Brandenburg, Gerlinde, *s13-005*
Brandon, Nigel, *(Thu 07)15*:*40*, *(Thu 12)15*:*40*
Brankovic, Stanko, *(Fri 10)10*:*10*
Braun, Stefanie, *(Thu 06)15*:*20*, *s06-131*
Bravo Anaya, Lourdes Mónica, *(Mon s03)15*:*20*
Bravo, Manuel, *s10-097*
Bresme, Fernando, *(Mon s17)10*:*10*
Bresser, Dominic, *(Mon s06)17*:*40*
Bressers, Peter, *(Thu 10)16*:*40*
Brett, Christopher, *(Thu 10)14*:*20*, *s10-029*
Brett, Dan, *(Mon s07)16*:*40*, *s07-105*, *s07-112*
Breugelmans, Tom, *(Thu 10)14*:*00*, *(Thu 18)17*:*00*, *s11-032*, *s15-036*, *s18-025*, *s20-036*
Briega-Martos, Valentín, *(Mon s16)18*:*00*, *s16-002*
Brillas, Enric, *(Tue s11)15*:*40*
Brimaud, Sylvain, *(Tue s16)14*:*00*, *s02-070*
Brisset, François, *(Thu 20)15*:*20*
Brister, Bryan, *(Tue s09)15*:*20*
Brito, Juliana Ferreira, *s18-007*
Brocenschi, Ricardo F., *s01-025*, *s20-003*, *s20-050*
Broicher, Cornelia, *s07-006*
Brosseau, Christa, *(Tue s01)17*:*40*
Brotons Cuevas, Ariadna, *s01-019*, *s01-020*
Brousse, Thierry, *(Mon s08)10*:*10*, *(Mon s08)15*:*40*, *(Tue s08)14*:*20*, *s08-009*
Broux, Thibault, *(Thu 06)17*:*00*
Brucato, Valerio, *s04-020*
Brudzisz, Anna, *(Fri 10)09*:*50*, *s10-043*
Brüning, Frank, *s11-045*
Brunklaus, Gunther, *s10-034*
Bruns, Michael, *s07-039*
Brushett, Fikile, *s07-042*
Brzostek, Katarzyna, *s03-009*
Brzózka, Agnieszka, *(Tue s08)14*:*40*, *(Fri 10)09*:*50*, *s10-043*
Brzozowska, Kamila, *s16-005*
Bucher, Christophe, *(Thu 10)15*:*00*, *s11-050*
Buchholz, Daniel, *(Mon s06)15*:*20*, *(Tue s06)17*:*20*, *s06-097*
Budnikov, Herman, *s01-031*, *s01-051*
Buechi, Felix, *s07-083*
Bülter, Heinz, *s06-074*, *s06-081*
Buesen, Darren, *(Tue s03)14*:*40*, *s03-005*, *s17-006*
Buess-Herman, Claudine, *s14-012*, *s16-030*, *s18-014*
Bugaev, Lusegen, *s07-056*
Buica, George-Octavian, *s01-050*, *s15-020*
Buisman, Cees, *(Thu 18)15*:*00*
Bujewska, Paulina, *(Tue s08)15*:*00*, *s08-001*
Bukovsky, Eric V., *s15-042*
Buleandra, Mihaela, *s04-003*
Bullions, Erin, *(Tue s14)15*:*00*
Bund, Andreas, *s06-027*, *s06-047*, *s16-024*
Burgess, Mark, *(Mon s16)10*:*30*, *(Thu 10)15*:*40*
Burgos, Ana, *s10-045*, *s10-055*, *s18-011*
Burheim, Odne, *(Thu 07)14*:*00*
Burian, Max, *(Tue s08)15*:*40*
Buriez, Olivier, *(Mon s15)15*:*00*, *s01-013*
Burn, P.L., *s18-031*
Buron, Cédric, *(Tue s14)17*:*20*
Bustos, Erika, *(Tue s11)17*:*40*, *s11-014*
Butler, Sue M., *(Tue s08)09*:*30*
Butt, Julea, *(Tue s03)09*:*30*
Buvat, Gaëtan, *(Mon s08)15*:*40*, *(Tue s08)14*:*20*
Buzzetti, Paulo, *(Wed s13)10*:*10*
Bystron, Tomas, *(Mon s11)14*:*40*, *(Tue s11)10*:*10*, *s12-010*, *s20-059*

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Cabanova, Varvara, *(Thu 10)16*:*00*
Cabello, Gema, *s10-001*
Cabeza, Oscar, *s06-026*
Cabot, Andreu, *(Fri 18)10*:*10*
Cabral, Diogo, *(Thu 20)14*:*40*
Cachet-Vivier, Christine, *(Thu 10)14*:*40*, *s10-056*
Cador, Olivier, *(Fri 07)11*:*30*
Cai, Qiong, *s06-100*, *s07-098*
Cai, Zhuang, *s02-062*
Calderon Moreno, Jose Maria, *s13-013*
Calle-Vallejo, Federico, *(Tue s16)14*:*20*, *s16-004*, *s16-013*, *s17-005*
Callejas-Chavero, Alicia, *s11-014*
Calvente, Juan José, *s03-008*, *s03-041*
Calvi, Felipe, *s09-008*
Calvillo, Laura, *(Mon s07)17*:*20*
Calvo, Ernesto Julio, *(Wed s09)10*:*10*
Camara, Giuseppe Abiola, *s16-008*
Cámara, Osvaldo, *s06-042*
Cambaz, Musa Ali, *s06-007*, *s06-008*
Camero, Carlos, *(Tue s09)15*:*20*
Campuzano, Susana, *(Thu 04)14*:*00*
Canales, Camila, *s07-061*
Canals, Antonio, *s01-040*, *s01-041*
Cañas, Natalia A., *s06-114*
Cañizares, Leonor, *(Tue s11)16*:*00*
Cañizares, Pablo, *(Tue s11)10*:*30*, *(Tue s11)16*:*00*, *(Tue s11)17*:*00*, *s05-003*, *s05-004*, *s11-008*, *s11-038*, *s11-042*, *s20-040*
Cannes, Céline, *(Thu 20)15*:*20*
Cano, Irene Garcia, *s11-022*
Cao, Dianxue, *s02-073*
Cao, Xiao-Yu, *(Mon s16)10*:*10*
Cao, Yiqi, *s06-023*
Cao, Zhenming, *s07-137*
Carbonio, Emilia A., *s07-073*

Cárdenas, Jesús, *s11-014*
Cardoen, Dennis, *(Thu 09)09:30*
Cardoso, Eduardo S.F., *(Fri 20)11:10*
Carfi Pavia, Francesco, *s04-020*
Cargnello, Matteo, *(Fri 10)10:10*
Carla, Francesco, *s16-010*, *s20-030*
Carminati, Marco, *(Thu 02)16:40*
Carmo, Marcelo, *s07-022*
Carnelli, Lino, *s07-043*
Carreño-Aguilera, Gilberto, *s09-014*
Carrillo-Abad, Jordi, *s11-004*
Carta, Mariolino, *s02-011*, *s02-032*, *s02-077*
Carvalho de Almeida, Camila, *(Tue s11)15:00*
Casanova-Moreno, Jannu, *(Mon s16)09:30*
Casciano, Paulo, *s13-010*
Cassidy, John, *s04-025*
Castañeda, Erick, *s03-036*
Castanheira, Luis, *(Mon s07)16:40*
Castaño-Meneses, Gabriela, *s11-014*
Castro, María P., *(Tue s11)16:00*
Castro, Suely, *s02-055*
Castro, Yolanda, *(Tue s14)18:20*
Catalano, Jacopo, *(Thu 09)10:10*
Catano, Francisco, *s10-045*
Catarelli, Samantha, *(Thu 16)10:10*
Cattarin, Sandro, *(Thu 10)17:20*, *(Thu 10)17:40*
Cattiaux, Laurent, *(Mon s15)15:00*
Causin, Valerio, *s07-074*
Causserand, Christel, *(Tue s11)14:40*
Cazayus, Emmanuelle, *s07-139*
Cea, Pilar, *(Thu 16)10:10*
Celedón, Carlos, *s18-030*
Celiesiute, Raimonda, *s10-086*
Celorrio, Veronica, *(Mon s07)17:20*
Ceppi, Sergio, *s06-052*
Cerdá, María Fernanda, *s20-018*
Cerdán Pasarán, Andrea, *s12-009*
Cermenek, Bernd, *s07-084*
Cernat, Andrea, *s02-023*
Cerri, Isotta, *(Thu 07)18:20*, *s10-068*
Cetinkaya, Tugrul, *s06-002*
Cha, Gihoon, *s02-063*, *s02-064*, *s06-054*
Chacón, Joaquín, *(Fri 06)11:30*
Chae, Munseok, *s06-119*
Chai Mei Yi, Rosalie, *(Mon s13)18:20*
Chainet, Eric, *s10-042*
Challier, Lylian, *s01-013*
Chan, Candace, *s06-009*, *s06-132*
Chan, Karen, *(Tue s16)15:00*
Chan, Ya Yun, *s02-050*
Chancelier, Léa, *(Fri 07)11:30*
Chandesris, Marion, *(Mon s07)14:00*
Chanéac, Corinne, *s07-139*
Chang, In Seop, *s05-006*
Chang, Lee-Tian, *s04-024*
Chang, Min-Chao, *s09-023*
Chang, Won-seok, *s06-123*
Chang, Yi-feng, *(Thu 02)17:40*
Chang, Yunzhen, *s14-001*
Changguo, Chen, *s16-003*
Chapples, John, *s10-093*
Chardon-Noblat, Sylvie, *(Fri 18)10:50*
Chatenet, Marian, *(Tue s07)09:50*
Chatta, Hadjer, *s11-047*
Chattot, Raphael, *(Tue s07)09:50*, *(Fri 07)10:10*
Chauque, Susana, *s06-042*, *s06-051*
Chauvet, Fabien, *(Tue s11)18:20*, *s11-024*
Chazaro-Ruiz, Luis F., *s10-096*
Che Ani, Aini Suzana, *s10-095*
Chekannikov, Andrey, *s06-096*, *s06-104*
Chen, Chang-Chih, *s11-026*, *s13-003*, *s14-006*, *s14-014*
Chen, Chang-Hui, *s16-025*
Chen, Chen, *s02-080*
Chen, Chunguang, *s06-109*
Chen, Dejun, *(Mon s16)15:20*, *(Tue s16)09:30*
Chen, Fangfang, *(Tue s06)09:30*
Chen, G., *(Tue s06)14:20*
Chen, George Zheng, *(Mon s08)14:00*
Chen, Hayan, *(Thu 06)17:00*
Chen, Hong-Yuan, *(Mon s01)18:20*
Chen, Hui, *s01-036*
Chen, Jian, *s06-134*, *s06-135*
Chen, Jun, *(Tue s08)17:40*, *s06-086*
Chen, Kun, *s14-005*
Chen, Leanne D., *(Tue s16)15:00*
Chen, Liang, *s06-115*
Chen, Long, *s07-046*
Chen, Lu, *(Fri 18)11:50*, *s18-021*
Chen, Qiaoli, *s07-137*
Chen, Rui, *s20-037*
Chen, Ruiyong, *s06-010*, *s07-030*
Chen, Sharon, *s07-124*
Chen, Shougang, *s13-018*
Chen, W., *(Tue s06)14:20*
Chen, Wei, *s15-040*
Chen, Weiping, *s06-023*, *s18-038*
Chen, Xiaoting, *s16-004*, *s16-013*
Chen, Xue-Jiao, *s18-008*
Chen, Yan, *(Mon s13)18:00*
Chen, Yan-Xia, *(Mon s16)17:40*, *s15-040*
Chen, Yaqin, *s06-073*
Chen, Yi An, *s09-001*
Chen, Yi-Lin, *s12-001*
Chen, Yuhui, *(Fri 06)10:10*
Chen, Zhaoyang, *s07-093*
Chen, Zhi-Xin, *s15-031*
Chen, Zhi-Xing, *s07-133*
Chen, Zhi-Yong, *s15-031*
Chenard, Etienne, *(Thu 10)15:40*
Cheng, Kevin J., *(Thu 10)15:40*, *s07-042*
Cheng, Qian, *s06-009*
Cherevko, Serhiy, *(Tue s07)09:30*, *(Thu 07)16:40*, *s07-022*, *s07-090*, *s07-111*, *s10-004*
Cherigui, El Amine Mernissi, *(Thu 10)17:00, s20-061*
Chernev, Petko, *(Mon s07)10:10*, *(Tue s07)16:40*
Chery, Déborah, *s07-141*
Chetty, Raghuram, *s07-051*
Chevance, Soizic, *(Thu 20)15:00*
Chi, Qijin, *(Mon s03)09:30*, *(Wed s02)09:50*, *(Fri 10)11:50*, *s10-090*, *s18-035*
Chi, Yu-Wen, *(Tue s08)14:00*
Chianca de Moura, Dayanne, *s16-037*
Chiarotto, Isabella, *s15-002*, *s15-003*
Chihara, Kuniko, *s06-110*
Chisaka, Mitsuharu, *s07-062*
Chiwata, Morio, *(Fri 07)10:50*
Cho, Jang-Hyeon, *s20-020*
Cho, Kangwoo, *(Fri 20)11:50*
Cho, Misuk, *s02-068*, *s02-069*, *s07-017*
Cho, Woosuk, *s06-011*
Cho, Young-Sang, *s06-021*
Choe, Hui-Seon, *s10-064*, *s10-065*
Choi, Chang Hyuck, *(Thu 10)14:20*, *s07-063*
Choi, Changhoon, *s06-087*
Choi, Hong Soo, *s06-123*
Choi, Hyeonji, *s07-109*
Choi, In-Ae, *s10-062*
Choi, Jongrak, *s12-008*
Choi, Samgwon, *s06-111*
Choi, Yusong, *s06-133*, *s20-024*, *s20-025*
Chong, Meng Nan, *(Tue s14)15:20*
Chong, Pohere, *s11-024*
Chorkendorff, Ib, *(Mon s16)15:00*, *(Tue s07)17:20*, *s16-012*
Chot, Chun Yuan, *(Tue s14)15:20*
Chotard, Jean-Noel, *(Thu 06)17:00*
Chou, Shu-Wei, *s08-035*
Choudhury, Soumyadip, *(Tue s08)15:20*
Choun, Myounghoon, *s07-031*, *s07-064*
Christensen, Rune, *(Mon s17)18:20*
Christoph, Grimmer, *s07-138*
Chu, Y. Q., *s07-093*
Chuang, Chung-Hsien, *(Fri 06)09:30*, *s08-026*
Chung, Hoon T., *(Tue s07)14:20*
Chung, Li-Ching, *s09-023*
Chung, Sangho, *s09-005*
Chung, Taek Dong, *(Thu 04)10:10*
Ciccarella, Pietro, *(Thu 02)16:40*
Cid-Ceron, Marlene, *s01-022*
Cieplak, Maciej, *(Mon s03)17:00*
Cierpka, Christian, *s07-018*
Cincotto, Fernando, *s02-042*
Ciucci, Francesco, *s16-034*
Ciucu, Anton, *s04-003*
Ciui, Bianca, *s03-056*
Cizkova, Martina, *(Mon s15)15:00*
Claireaux, Vincent, *(Thu 20)15:00*
Clancy, Tomás, *s06-057*
Clarke, Tomos J., *s02-011*
Clausmeyer, Jan, *s01-017*, *s02-002*, *s03-059*, *s04-031*
Clayton da Silva, Aruã, *s03-037*
Cleemann, Lars N., *(Tue s07)14:40*
Clikeman, Tyler T., *s15-042*
Climent Paya, Victor, *(Mon s16)14:00*
Coban, Kivanc, *s06-084*
Cochet, Magali, *(Mon s07)14:20*
Coelho dos Santos, Mauro, *s02-044*
Coetsier, Clémence, *(Tue s11)14:40*
Cohen, Hagai, *s09-002*
Cojocaru, Anca, *s14-002*
Cojocaru, Paula, *s10-046*
Coledam, Douglas A.C., *(Tue s11)14:00*, *s20-003*
Colina, Alvaro, *(Mon s15)14:40*, *(Tue s01)15:40*, *(Tue s01)16:00*, *s02-031*, *s02-035*
Colleran, John, *s04-025*
Collet, Thomas, *s07-069*
Colli, Alejandro N., *(Thu 20)09:30*, *s07-032*, *s11-015*
Collins, Martha, *s01-033*
Coltrin, Michael, *s11-046*
Combellas, Catherine, *(Mon s15)10:10*, *(Thu 10)18:00*

Comisso, Nicola, *(Thu 10)17:20*, *(Thu 10)17:40*
Comminges, Clément, *s07-139*
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Company, Ximo, *s20-008*
Compton, Richard G., *s02-006*, *s20-035*
Connolly, Liam, *(Thu 07)14:00*
Conradie, Jeanet, *s20-044*, *s20-045*
Conti, Fosca, *s20-006*
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Cooray, M.C. Dilusha, *s04-004*
Coote, Michelle, *(Tue s03)15:00*
Cordoba de Torresi, Susana, *(Mon s08)15:20*, *(Thu 10)16:40*, *s03-037*, *s10-048*
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Coreño, Oscar, *s11-009*
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Cornell, Ann, *(Mon s11)09:30*, *s06-035*, *s11-037*
Corona-Avendaño, Silvia, *s01-022*
Correa, Alessandra, *s02-041*
Corrêa, Cíntia, *s10-027*
Correa, Matheus, *s01-048*
Correia, Adriana, *s02-055*, *s13-010*, *s14-007*, *s16-018*
Corres, Ma. Ángeles, *(Tue s14)18:00*
Cosnier, Serge, *s10-088*
Costa Bassetto, Victor, *s07-092*
Costa, Paulo R., *(Tue s15)10:30*
Costenoble, Sandrine, *s13-011*
Costovici, Stefania, *s14-003*
Cotarta, Adina, *s14-002*
Cotillas, Salvador, *(Tue s11)10:30*, *(Tue s11)16:00*, *s11-042*, *s20-040*
Coulston, Jodie, *s20-051*
Coutanceau, Christophe, *(Thu 20)14:00*, *s07-091*, *s18-003*
Cox, Liam, *(Thu 03)10:10*
Crespo, Gaston, *(Tue s01)10:30*, *(Tue s01)16:40*
Crespy, Daniel, *(Wed s13)10:30*
Cretin, Marc, *s09-012*
Crispin, Xavier, *s08-003*
Cristea, Cecilia, *s02-023*, *s02-049*, *s03-053*, *s03-056*, *s04-005*, *s10-029*
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Croce, Fausto, *s06-048*
Croguennec, Laurence, *(Thu 06)17:00*
Cromhout, Mary, *s04-007*
Crosnier, Olivier, *(Mon s08)10:10*, *(Mon s08)15:40*, *(Tue s08)14:20*, *s08-009*
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Cruz, Yenny, *s11-014*
Csepei, Lenard-Istvan, *s18-026*
Cuartero, Maria, *(Tue s01)16:40*
Cuenya, Beatriz Roldan, *(Thu 07)18:20*
Cuevas-Muñiz, Francisco Mherande, *s07-052*, *s07-053*
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da Silva Antonin, Vanessa, *s02-044*
da Silva, Bianca F., *(Tue s11)14:00*
da Silva, Djalma R., *s11-020*, *s11-021*
da Silva, Elton Clementino, *s04-027*
Da Silva, Everson, *s10-092*
da Silva, Gabriel, *s16-008*
Da Silva, Rodrigo, *s07-065*
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Daasbjerg, Kim, *s18-010*
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Dai, Chao-Shuan, *s08-035*
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Dann, Ellie, *(Mon s07)17:20*
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De la Rosa, Miguel A., *s03-041*
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de Lima, Maycon Douglas, *s11-021*
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de Oliveira Neto, Jerônimo Raimundo, *s04-028*
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de Poulpiquet, Anne, *(Tue s03)18:20*
de Sancho, David, *(Mon s03)10:10*
de Sanoit, Jacques, *(Thu 20)15:20*
de Smet, Louis, *s03-033*
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de Vasconcelos, Camila C., *(Tue s15)10:30*
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Dedigama, Ishanka, *(Mon s07)16:40*
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Domke, Katrin F., *(Tue s16)17:20*, *(Wed s16)10:30*, *s15-032*
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Dong, Chunlin, *s20-038*
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Doyle, Richard, *s10-002*
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Dsoke, Sonia, *(Mon s08)18:00*
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Duan, Jizhou, *s13-018*
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Ein Eli, Shaked, *s09-002*
Eisenberg, David, *(Thu 07)09:30*
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El-Nouby, Mohamed, *s07-106*
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Elia, Giuseppe Antonio, *s06-069*
Elsner, Cecilia I., *s13-006*
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Elumalai, Ganesan, *(Mon s16)18:20*
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Eng, Alex, *s02-050*
Engel, Mareike, *s05-002*
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Fauth, François, *(Thu 06)17:00*
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Ferragud, Xavier, *s20-008*
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Ferrari, Gabriele, *(Mon s13)10*:*10*
Ferrari, Giorgio, *(Thu 02)16*:*40*
Ferreira da Costa, Tamires, *s16-037*, *s16-052*
Ferreira de Araujo, Jorge, *(Mon s07)10*:*10*, *(Tue s07)16*:*40*
Ferreira, Fabricia R., *(Tue s15)10*:*30*
Ferreira, Graziela C.A., *s16-021*
Ferreira, Hendrik, *s20-044*
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Filhol, Jean-Sébastien, *(Mon s17)14*:*40*
Filiâtre, Claudine, *(Tue s14)17*:*20*, *s14-016*
Fino, Debora, *s11-029*
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Fischer, Anna, *s03-045*, *s03-049*
Fischer, Arthur, *s11-046*
Fischer, Elena, *(Tue s16)14*:*00*
Fitch, Samuel, *(Fri 06)09*:*30*
Flis, Janusz, *s07-007*, *s07-008*
Flis-Kabulska, Iwona, *s07-007*, *s07-008*
Floner, Didier, *(Fri 07)11*:*30*
Florea, Anca, *s02-049*, *s04-001*, *s04-005*
Flores, Eibar, *s16-022*
Florez-Rodriguez, Pedro, *s01-048*
Flox, Cristina, *(Fri 07)11*:*50*, *s11-039*
Fogel, Ronen, *s03-054*, *s04-007*
Fojta, Miroslav, *(Mon s03)17*:*20*
Folkertsma-Hendriks, Laura, *s02-056*
Fontana, Daniela, *s06-058*
Fontana, Marco, *(Mon s08)16*:*00*
Ford, Michael J., *(Mon s03)09*:*30*
Foret, Frantisek, *s02-025*
Fornasiero, Paolo, *(Fri 10)10*:*10*, *s10-022*
Forner-Cuenca, Antoni, *(Mon s07)14*:*20*
Fornés, Juan Pablo, *s11-049*
Forrest, Gregory, *(Thu 20)14*:*20*
Forsyth, Maria, *(Tue s06)09*:*30*, *s06-083*
Fortgang, P., *(Mon s01)15*:*00*
Foster, Christopher W, *s01-019*
Foster, Erick, *(Wed s02)10*:*10*
Fourmond, Vincent, *(Mon s03)10*:*10*, *(Tue s03)14*:*40*, *(Thu 18)14*:*40*
Fracasso, Giulio, *s15-037*
Fraccari, Raquel, *(Thu 02)16*:*40*
Frackowiak, Elzbieta, *(Tue s08)10*:*30*, *(Tue s08)15*:*00*, *s08-020*
Francis, Paul, *s01-005*, *s20-052*
Franco, Alejandro A., *(Tue s06)16*:*40*, *s06-042*
Frank, Uta, *(Mon s15)15*:*20*
Franke, Robert, *s11-052*
Fransaer, Jan, *(Tue s14)14*:*00*
Fransen, Martijn, *(Tue s01)15*:*00*
Frantz, Cédric, *(Tue s14)17*:*40*, *s14-008*
Frausto, Roberto, *s11-014*
Freakley, Simon, *(Thu 07)18*:*00*
Freedman, Kathrin, *(Mon s06)16*:*40*
Freguia, Stefano, *s05-008*
Freiberg, Anna, *(Thu 07)14*:*20*
Fréty, Nicole, *s11-045*
Freunberger, Stefan A., *(Thu 06)17*:*20*, *(Fri 06)10*:*10*
Friedl, Jochen, *(Wed s07)09*:*50*
Friedrich, K. Andreas, *(Mon s07)14*:*40*, *(Mon s07)18*:*20*, *(Wed s16)09*:*50*, *s06-114*
Frik, Malgorzata, *s15-021*
Frisch, Gero, *(Thu 20)14*:*20*
Fritea, Luminita, *s04-005*, *s10-088*
Frith, Kelly-Anne, *s04-007*
Fritsch, Benjamin, *(Thu 12)15*:*20*
Fröhlich, Jochen, *s07-018*
Frontana, Carlos, *s05-010*, *s15-034*
Frutos Beltrán, Estrella, *s03-041*
Frokiær, Heidi, *s07-070*
Fu, Chaopeng, *s06-115*
Fu, W.T., *(Mon s07)17*:*40*
Fuchs, David, *(Thu 16)09*:*30*
Fühl, Matthias, *(Wed s07)10*:*10*
Fuentes, Angel, *s20-009*
Fuentes, Rosalba, *(Mon s11)15*:*40*
Fuentes-Ramírez, Rosalba, *s12-009*
Fürbeth, Wolfram, *(Tue s13)17*:*00*, *(Fri 13)09*:*30*
Fuhrmann, Jürgen, *s09-018*, *s20-007*
Fujii, Kenta, *(Mon s06)18*:*00*
Fujimoto, Shinji, *(Tue s13)14*:*00*
Fujishima, Akira, *s03-063*
Fujishiro, Yoshinobu, *s07-145*
Fukuda, Katsutoshi, *(Fri 06)11*:*50*
Fukuda, Seisuke, *s06-066*
Fukuhara, Tomoko, *s06-090*
Fukunaga, Hiroshi, *s07-071*
Fukunaka, Yasuhiro, *s07-009*
Fung, Kuan-Zong, *s07-095*, *s07-096*
Furukawa, Hiroto, *s07-072*
Furukawa, Kazuaki, *s04-009*
Fuse, Moritsugu, *s13-015*

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Gaberscek, Miran, *(Tue s06)15*:*20*, *(Fri 07)11*:*30*, *s07-082*, *s10-015*
Gabrielli, Serena, *s06-048*
Gadgil, Bhushan, *s10-084*
Gärtner, Tobias, *s18-026*
Gago, Aldo S., *(Mon s07)18*:*20*, *(Wed s16)09*:*50*
Gajek, Arkadiusz, *s07-008*
Gala, Fabrizio, *s15-002*
Galarce, Carlos, *s13-022*
Galia, Alessandro, *(Mon s11)17*:*00*, *s11-040*
Galiano, Hervé, *s08-004*
Gallego, Luis J., *s06-026*
Gallo, Irã B.C., *s07-073*, *s07-132*
Gallou, Fabrice, *s11-050*
Galmiche, Laurent, *s10-088*
Galvão, Tomás, R., *s11-050*
Gamarra, Jorge D., *s20-060*
Gamero Quijano, Alonso, *(Tue s01)09*:*50*
Ganapathy, Swapna, *s06-016*, *s06-139*
Ganassin, Alberto, *s20-019*
Ganci, Fabrizio, *s07-010*, *s07-011*
Ganesan, Vinoth, *s07-026*, *s08-013*
Ganiyu, Soliu O., *s09-012*
Ganzarolli de Oliveira, Marcelo, *s04-029*
Ganzenko, Oleksandra, *(Tue s11)16*:*40*
Gao, Lu, *s07-012*, *s18-037*
Gao, Qiang, *s06-030*
Gao, Wenyue, *s04-012*
Gao, Xiangwen, *(Fri 06)10*:*10*
Gao, Xin, *(Tue s09)17*:*20*
Gao, Ying-Bo, *s13-025*
Gao, Zhida, *s03-062*
Garbarino, Sébastien, *(Thu 18)18*:*20*, *s18-019*
Garbayo, Iñigo, *(Mon s06)10*:*30*
García - Quismondo, Enrique, *(Fri 07)10*:*50*
Garcia, Amanda Cristina, *(Mon s16)15*:*40*
García, Gonzalo, *s07-113*, *s07-114*
Garcia Lastra, Juan Maria, *(Mon s17)18*:*20*
Garcia, Luane, *s01-053*, *s09-010*
Garcia, Santiago, *(Fri 13)09*:*50*
García, Verónica, *s07-125*
García-Antón, José, *s10-060*, *s10-061*, *s10-066*, *s10-067*, *s10-073*, *s10-074*
Garcia-Araez, Nuria, *s06-116*
García-Gabaldón, Montserrat, *s11-004*, *s11-034*
Garcia-Garcia, Dionisio, *s10-074*
García-Mendoza, Arturo, *s20-004*, *s20-013*, *s20-014*
García-Montalvo, Verónica, *s07-131*
Garcia-Segura, Sergi, *s11-021*, *s11-022*
García-Zaleta, David S., *s10-075*
Gardeniers, Han, *s18-039*
Garoz-Ruiz, Jesús, *(Mon s15)14*:*40*, *(Tue s01)15*:*40*, *(Tue s01)16*:*00*
Garrecht, Harald, *s20-034*
Gascon, Jorge, *(Mon s07)17*:*40*
Gasparetto, Nicolò, *(Tue s01)10*:*10*
Gatalo, Matija, *(Fri 07)11*:*30*
Gateshki, Milen, *(Tue s01)15*:*00*

Gaubeur, Ivanize, *s01-039*
Gaubicher, Joel, *(Thu 06)15:40*
Gaumont, Thomas, *(Thu 07)15:00*
Gauquelin, Charles, *(Mon s03)10:10*
Gaus, Katharina, *s04-002*
Gavilán, Maximiliano, *s06-042*
Gavutis, Martynas, *s10-080*
Gavvalapalli, Nagarjuna, *s07-042*
Gawlak, Karolina, *(Fri 10)09:50*, *s10-051*
Gayle, Marvin, *s10-093*
Gazdzicki, Pawel, *(Mon s07)18:20*
Geboes, Bart, *(Thu 10)14:00*, *s18-025*
Geels, Norbert J., *(Thu 07)09:30*
Geier, Sebastian, *(Mon s08)17:20*
Geiger, Simon, *(Tue s07)09:30*, *(Thu 07)16:40*, *(Thu 07)18:00*, *s07-111*, *s07-113*, *s10-004*
Geirnaert, Annelies, *(Wed s05)10:30*
Geist, Lena, *s03-006*
Gelnneberg, Jens, *(Fri 06)11:10*
Genç, Aziz, *s07-003*
Gendel, Youri, *(Tue s09)15:00*
Geneste, Florence, *(Fri 07)11:30*
Gennaro, Armando, *(Mon s15)17:40*, *(Thu 07)18:20*, *s01-001*, *s07-074*, *s07-110*, *s15-004*, *s15-008*, *s15-009*
Genorio, Bostjan, *(Tue s06)15:20*
Gensicke, Ronald, *(Fri 13)11:50*
Gerardin, Karine, *(Thu 12)16:00*
Gerasimova, Irina, *s07-057*
Geronimo, Hannah Grace, *s20-029*
Gervasi, Claudio A., *s02-022*
Gesset, Céline, *(Thu 20)15:20*
Gewirth, Andrew, *(Mon s16)16:40*
Ghalkhani, Masoumeh, *s02-028*, *s02-029*
Ghedini, Paulo Cesar, *s01-021*, *s01-053*, *s04-027*, *s04-028*, *s20-053*
Ghiulnare Apaz, Aida, *s14-003*
Gichan, Olga, *s17-007*
Gielis, Sven, *s06-082*
Gigot, Arnaud, *(Mon s08)16:00*
Gil, Eric, *s01-021*, *s01-053*, *s04-027*, *s04-028*, *s09-010*, *s20-053*
Gilek, Dominika, *s10-051*
Gillion, Julie, *(Thu 10)10:10*
Giordano, Livia, *(Thu 07)17:20*
Girado, Sergio, *(Fri 18)10:10*
Girardi, Marcelo, *s18-002*
Girault, Hubert, *(Thu 20)09:30*, *(Thu 20)16:00*, *(Fri 07)09:30*, *s07-032*, *s07-092*, *s15-035*, *s17-003*
Girstun, Agnieszka, *s03-057*, *s04-017*
Glenneberg, Jens, *(Thu 06)14:20*
Gliech, Manuel, *(Mon s07)10:10*
Gloaguen, Frederic, *(Tue s15)10:10*
Gluyas, Josef, *(Thu 16)10:10*
Gnidina, Inna, *s20-039*, *s20-041*
Go, Hyungho, *s06-111*
Goddard, Alex, *(Thu 20)14:20*
Godfrey, Daniel, *s11-048*
Godoi, Keyla, *s07-075*
Göbel, Gero, *s03-024*
Gödrich, Sebastian, *(Tue s01)18:20*
Göttle, Adrien, *s17-008*
Gogoll, Adolf, *(Thu 10)17:20*, *s10-026*, *s10-030*, *s10-038*, *s10-041*
Goikolea, Eider, *(Mon s08)17:40*
Goldshtein, Keren, *(Mon s06)16:40*
Golinelli, Diego, *s02-042*
Gollas, Bernhard, *(Thu 16)09:30*, *(Thu 06)17:20*, *s07-048*
Golodnitsky, Diana, *(Mon s06)16:40*, *(Tue s06)14:00*, *s06-003*
Gomes, Adriano, *(Mon s11)10:30*
Gomes, Janaina Fernandes, *(Tue s16)09:50*
Gomes-Marin, Ana M., *(Thu 07)17:40*
Gómez, Elvira, *s02-031*, *s07-118*, *s07-119*, *s10-046*
Gomez, Humberto, *s10-045*
Gómez-Gil, José María, *(Thu 20)10:10*
Gonçalves de Aquino Saglietti, Guilherme, *s07-127*
Gonçalves, Roger, *(Thu 20)18:00*, *s02-041*
Gond, Ritambhara, *(Wed s06)09:50*
Gong, Coucong, *s02-014*
Gong, Jianying, *s14-009*
Gong, Shuishui, *s08-043*
Gong, Yi, *s06-115*
Goñi-Urtiaga, Asier, *s03-003*
Gonzaga de Melo, Iasmim, *s02-019*
Gonzalez, Carolina, *s01-041*
Gonzalez, Ernesto, *(Fri 07)11:10*
González García, María Begoña, *s03-043*
González, Ignacio, *s11-014*, *s15-028*
González Pérez, Omar, *s11-001*
Gonzalez, Zoilo, *(Tue s14)18:20*, *s14-016*
Gonzalez-Arribas, Elena, *s03-017*
González-Dieguez, Noelia, *(Tue s01)16:00*
Gonzalez-Gutierrez, Linda, *s05-010*
González-Vargas, Camilo, *s01-043*
Gooding, J. Justin, *s04-002*
Goor, Meital, *(Mon s06)16:40*, *(Tue s06)14:00*, *s06-003*
Gorbachuk, Elena, *s11-023*
Gorbatovski, Georg, *s16-026*
Gorczyñski, Adam, *s15-024*
Gordo, Elena, *(Tue s14)18:20*
Gordon, Jonathan, *s05-001*
Gordon, Zachary, *s06-132*
Gorgy, Karine, *s10-088*
Gorlin, Mikaela, *(Tue s07)16:40*
Gorostiza, Pau, *(Wed s03)09:50*, *s16-044*
Gorska, Barbara, *(Tue s08)15:00*
Gorton, Lo, *(Wed s03)10:40*, *(Thu 18)15:40*, *s02-054*, *s03-008*
Goryachev, Andrey, *s16-010*
Gossage, Zachary, *(Thu 10)15:40*
Goubard-Bretesché, Nicolas, *(Mon s08)15:40*, *(Tue s08)14:20*
Goudeau, Bertrand, *(Mon s16)16:00*
Goulart, Lorena, *s02-041*
Goulart, Marilia, *(Tue s15)10:30*
Goulet, Marc-Antoni, *(Thu 12)17:00*
Goyal, Priyamvada, *(Mon s17)10:30*
Graetzel, Michael, *(Thu 20)17:40*, *(Fri 18)11:10*, *s20-018*
Graham, Louise, *(Mon s15)16:40*
Granados Mendoza, P., *(Mon s11)09:50*
Grandi, Maximilian, *(Thu 12)17:20*
Granozzi, Gaetano, *(Mon s07)17:20*, *s07-110*
Granwehr, Josef, *(Mon s06)15:00*
Greco, Silvia, *s04-020*
Gregoratti, Luca, *s16-043*
Grey, Clare, *s06-125*
Grez, Paula, *s18-030*, *s18-034*
Gribkova, Oxana, *(Thu 10)16:00*, *s10-033*
Griffith, Kent, *s06-125*
Grimm, Fabian, *(Tue s07)15:20*
Grimmer, Christoph, *(Thu 12)17:20*, *s07-084*
Grinberg, Vitali, *s07-068*, *s15-005*
Grippo, Valentina, *s03-019*
Griveau, Sophie, *s04-029*, *s18-002*
Groenen Serrano, Karine, *(Tue s11)14:40*, *s11-024*
Groeninger, Patricia, *(Mon s07)14:20*
Grootjes, Sander, *(Thu 12)17:40*
Gross, Manuela, *(Tue s03)09:30*
Grote, Jan-Philipp, *(Tue s07)09:30*, *(Fri 07)11:30*, *s07-082*, *s07-111*
Gruet, Nathalie, *(Tue s13)14:40*
Grumelli, Doris, *s07-076*
Grumm, Bettina, *(Fri 06)10:10*
Gruter, Gert-Jan, *(Thu 18)14:00*
Grønbjerg, Ulrik, *(Mon s16)15:00*
Gu, Wentian, *(Mon s06)16:00*
Guan, Zi-Chao, *s13-025*
Guang, Shanyi, *s08-043*
Guanyue, Gao, *s01-023*
Guay, Daniel, *(Thu 18)18:20, s18-019*
Guéguen, Aurélie, *(Tue s06)18:00*
Günay, M. Emin, *s20-016*
Guérin, Katia, *(Tue s07)09:50*
Guerlou-Demourgues, Liliane, *s08-025*
Guerola Blay, Vicent, *s20-008*
Guerra-Balcázar, M., *s07-054*, *s07-101*
Guerriero, Paolo, *(Thu 10)17:20*, *(Thu 10)17:40*
Guétaz, Laure, *(Mon s07)14:00*, *(Thu 07)15:00*
Gütz, Christoph, *s11-050*
Guhlke, Clemens, *s09-021*, *s17-010*
Gui, Yang, *s09-003*
Guilemany, Josep Maria, *s11-022*
Guille-Collignon, Manon, *(Thu 04)17:40*, *s01-013*, *s04-030*
Guillen, Carlos, *(Tue s01)16:00*
Guillén-Villafuerte, Olmedo, *s07-114*
Guillon, François Xavier, *s03-051*
Guin, Saurav K., *s02-003*
Gul, Turan, *s15-006*
Gunby, Nathaniel, *(Thu 10)18:20*
Guo, Erjuan, *s08-044*
Guo, Renqing, *s06-023*, *s18-038*
Gurrola, M. P., *s07-101*
Gustafsson, Torbjörn, *(Tue s06)10:10*, *s06-014*, *s06-072*
Guterman, Vladimir, *s07-056*, *s07-057*
Gutiérrez, Lucia, *(Thu 04)15:00*
Gutiérrez Pineda, Eduar, *s02-022*
Gutierrez Sanchez, Cristina, *s03-042*
Gutierrez-Granados, Silvia, *s07-036*, *s09-014*
Gutierrez-Sanz, Oscar, *(Mon s03)10:30*
Gutkowski, Ramona, *(Fri 20)09:30*, *s02-030*
Gutsche, Christian, *s07-142*
Gutzler, Rico, *s07-076*
Guyes, Eric, *s09-004*
Guyomard, Dominique, *(Thu 06)15:40*
Guyot, Elodie, *s11-002*
Guzman, Diego, *s18-011*
Guzmán-Hernández, Dafne, *s01-022*
Guzman-Ocampo, Dulce Consuelo, *s20-013*, *s20-014*
Gwinner, Benoît, *(Tue s13)14:40*

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Ha, Sang-hyeon, *s20-020*, *s20-024*, *s20-025*
Ha, Sanghyun, *s20-022*
Habibi, Mohammad Mahdi, *s02-058*
Habrioux, Aurélien, *s07-139*
Hacker, Viktor, *(Mon s07)15*:*00*, *(Thu 12)17*:*20*, *s06-038*, *s07-040*, *s07-084*
Hadermann, Joke, *s06-013*
Hadj-Saïd, Jessica, *(Thu 18)14*:*40*
Haensch, Mareike, *s16-011*
Haesong, Jeon, *s06-120*
Haga, Masa-aki, *(Fri 10)11*:*30*, *s02-043*, *s15-023*
Hagberg, Johan, *s06-017*
Hagfeldt, Anders, *(Thu 10)17*:*40*
Haghighatbin, Mohammadamin, *s18-031*
Hahlin, Maria, *(Thu 16)09*:*50*
Hahn, Robert, *s10-068*, *s20-026*, *s20-027*
Hainque, Bernard, *s03-051*
Haiss, Wolfgang, *(Thu 16)10*:*10*
Hajdari, Zana, *(Mon s13)15*:*20*, *s13-020*
Hájková, Andrea, *s03-055*
Hakamata, Hideki, *s01-006*
Halder, Arnab, *(Mon s03)09*:*30*, *(Wed s02)09*:*50*, *(Fri 10)11*:*50*, *s10-090*
Halim, Martin, *s08-008*
Hall, Peter, *(Mon s08)16*:*40*, *s08-005*
Halouzka, Vladimir, *s01-049*, *s02-034*
Halouzkova, Barbora, *s02-034*
Hamadou, Lamia, *s10-042*
Hamaguchi, Maki, *s06-141*
Hamazaki, Makoto, *s07-081*
Hamed, Emad M., *(Tue s15)09*:*30*
Hamelers, Bert, *(Tue s09)14*:*00*, *s17-011*
Hammer, Peter, *s20-050*
Hamnca, Siyabulela, *(Thu 02)15*:*40*
Han, Bo, *s06-030*, *s06-045*
Han, Byungchan, *s07-077*
Han, Chao, *s18-032*
Han, Donghoon, *(Wed s02)10*:*10*
Han, Gaoyi, *s14-001*
Han, Hye Youn, *s01-007*
Han, Jae Hee, *s08-034*
Han, Sang-Beom, *s10-062*, *s10-064*, *s10-065*
Handl, Michael, *(Mon s07)14*:*40*
Hanif, Saima, *s04-012*
Hannach, Mohamed, *s12-004*
Hansen, Heine, *(Mon s17)15*:*40*
Hansen, Martin H., *(Mon s16)15*:*00*
Hanß, Daniel, *(Mon s16)14*:*20*
Hao, Shimeng, *(Thu 06)15*:*00*
Happe, Thomas, *(Tue s03)14*:*40*, *s03-005*
Haque, Al-Monsur Jiaul, *s01-004*
Hara, Agnieszka, *(Mon s13)14*:*00*
Hara, Masanori, *(Thu 07)14*:*40*
Harada, Masashi, *(Wed s16)10*:*10*
Harbouai, Doha, *(Mon s06)18*:*20*
Hardacre, Christopher, *(Thu 07)15*:*40*, *s07-105*, *s07-112*
Hardwick, Laurence, *s06-001*
Hardy, An, *s06-082*
Harima, Yutaka, *s10-028*
Harish, Srinivasan, *s10-071*
Harrington, David, *(Thu 18)18*:*00*
Harris, Robert, *s11-051*, *s14-004*
Harroun, Scott, *(Tue s01)17*:*40*
Hartl, Frantisek, *(Thu 16)10*:*10*
Hartley, Jennifer, *(Thu 20)14*:*20*
Hartmann, Jens, *(Tue s11)17*:*20*
Hartmann, Mark, *s07-044*
Hartmann, Markus A., *(Tue s08)15*:*40*
Hartmann, Tobias, *s03-048*
Hartmann, Volker, *(Tue s03)10*:*10*
Hasa, Bjorn, *s11-025*
Hasan, Kamrul, *(Wed s03)10*:*40*, *(Thu 18)15*:*40*
Hasegawa, Shohei, *(Tue s13)14*:*00*
Hasegawa, Takahiro, *s06-090*
Hasegawa, Takuya, *(Thu 12)14*:*40*
Hashimoto, Kazuhito, *(Thu 18)17*:*20*
Hassel, Achim Walter, *(Tue s13)14*:*20*, *s04-016*
Hassenknopf, Bernold, *(Thu 10)15*:*00*
Hatton, T. Alan, *(Wed s09)09*:*30*, *s09-011*, *s09-019*
Hatzell, Kelsey B., *(Thu 07)14*:*00*
Hauffman, Tom, *s20-060*
Hausoul, Peter, *s07-006*
Haverkamp, Jan-Steffen, *(Tue s07)18*:*20*
Hazama, Taisuke, *(Mon s06)18*:*00*
He, Daping, *s02-011*, *s02-032*, *s02-077*
He, Dong Sheng, *s02-032*
He, Juan, *s03-011*
He, Minglong, *(Tue s08)10*:*30*, *(Tue s06)18*:*00*
He, Ping, *s06-117*
He, Ronghuan, *s10-076*
He, Xiang, *s01-035*
He, Zhengda, *s17-005*
Hebié, Seydou, *s15-010*
Hebrant, Marc, *s01-033*
Hecken, Nadine, *s11-050*
Hecker, Burkhard, *(Tue s07)18*:*20*, *s10-005*
Heckmann, Andreas, *s06-118*
Hector, Andrew, *(Thu 06)18*:*00*, *(Fri 06)09*:*30*, *(Fri 20)11*:*30*, *s08-042*
Hedenstedt, Kristoffer, *(Tue s16)15*:*20*
Hederstedt, Lars, *(Wed s03)10*:*40*
Heenen, Hendrik H., *s17-009*
Hegemann, Martina, *s06-108*
Hegemann, Philip, *s06-108*
Heim, M., *(Wed s03)10*:*10*
Heintz, Olivier, *s10-037*, *s15-010*
Heise, Svenja, *s14-017*
Hejazi, Mahdi, *s03-006*
Hejazi, Sina, *s07-013*, *s07-013*, *s18-033*
Helsen, Joost, *(Thu 09)09*:*30*
Hemmatifar, Ali, *(Tue s09)09*:*30*
Hempelmann, Rolf, *s06-010*, *s07-030*
Hempenius, Mark, *s02-056*
Henig, Joerg, *s03-005*
Henning, Sebastian, *(Tue s07)18*:*00*
Henríquez, Rodrigo, *s10-050*, *s10-087*, *s10-097*, *s12-002*
Hensen, Emiel J.M., *s07-012*, *s16-010*, *s18-037*
Heo, Jongwook, *s06-119*
Heo, Kookjin, *s06-018*
Hepp, Karl, *s09-007*
Heras, Aranzazu, *(Mon s15)14*:*40*, *(Tue s01)15*:*40*, *(Tue s01)16*:*00*, *s02-031*, *s02-035*
Herbst, Frédéric, *s10-037*, *s15-010*
Hereijgers, Jonas, *(Thu 18)17*:*00*, *s11-032*, *s18-025*
Heringa, Jouke R., *s06-016*
Herlitze, Stefan, *s04-031*
Hermann, Johannes, *(Mon s16)14*:*40*
Hernández, Anayantzin, *s07-078*
Hernandez, Angel, *(Fri 07)10*:*50*
Hernandez Santos, David, *s03-019*, *s03-043*
Hernandez Saravia, Lucas Patricio, *s02-004*
Hernandez, Simelys, *s11-029*, *s18-004*
Hernández-Alonso, Maria Dolores, *(Fri 18)09*:*30*
Hernandez-Burgos, Kenneth, *(Mon s16)10*:*30*, *(Thu 10)15*:*40*
Hernández-Pérez, María A., *s07-128*
Herrada, Verónica, *(Tue s11)17*:*40*
Herranz, Juan, *(Tue s07)18*:*00*, *(Fri 07)11*:*50*
Herreman, Wietze, *s06-129*
Herrera, Santiago, *s07-076*
Herrero, Enrique, *(Mon s16)18*:*00*, *s16-002*
Hersbach, Thomas, *(Fri 13)11*:*10*
Hervault, Yves-Marie, *s15-015*
Herzog, Gregoire, *(Tue s01)09*:*50*, *s01-033*, *s02-033*
Hesp, Colin R., *(Tue s15)09*:*30*
Hesse, Sabine, *(Tue s07)15*:*20*
Hetemi, Dardan, *(Thu 10)18*:*00*
Hetterscheid, Dennis, *s15-026*
Heubner, Christian, *s01-003*
Heurtault, Stéphane, *(Tue s13)09*:*30*
Heyser, Cristopher, *s18-030*, *s18-034*
Hiesgen, Renate, *(Mon s07)14*:*40*
Higgins, Simon, *(Thu 16)10*:*10*
Hihath, Joshua, *(Mon s03)14*:*40*
Hilder, Matthias, *(Tue s06)09*:*30*
Hill, Michael, *(Mon s03)14*:*00*
Hillman, Robert, *(Tue s08)16*:*00*, *(Tue s14)16*:*00*, *(Tue s16)16*:*00*, *(Thu 10)14*:*00*, *s20-051*
Hinds, Gareth, *(Mon s07)16*:*40*
Hinks, Jamie, *s02-007*
Hiratsuka, Kaori, *s06-113*
Hlil, El-Kebir, *(Mon s06)18*:*20*
Hlongwa, Ntuthuko Wonderboy, *s06-025*
Hnat, Jaromir, *(Mon s11)14*:*00*
Ho, Cheng-En, *(Fri 13)10*:*50*, *s11-026*, *s11-026*, *s13-003*, *s14-006*, *s14-014*
Ho, Ja-an Annie, *(Thu 02)17*:*40*
Ho, Kuo-Chuan, *s12-001*, *s12-005*
Ho, Lance, *s03-054*
Hoang, Thao, *(Mon s16)16*:*40*
Hodnik, Nejc, *(Fri 20)10*:*10*, *(Fri 07)11*:*30*, *s07-082*
Hodouchi, Kazunori, *s14-011*
Höhlinger, Michael, *s14-017*
Hoetger, Diana, *s07-076*
Hof, Ferdinand, *s15-030*
Hoffmann, Anja, *s06-019*
Hoffmann, Michael R., *(Fri 20)11*:*50*
Hofmann, Jan P., *s07-012*, *s16-010*, *s18-037*
Hogan, Conor, *(Mon s01)09*:*30*, *s01-005*, *s18-031*, *s18-036*
Hojo, Daisuke, *(Tue s03)09*:*30*
Holby, Edward F., *(Tue s07)14*:*20*
Holdynski, Marcin, *s02-047*, *s03-038*
Holland, Alex, *s06-126*
Hollingsworth, Nathan, *s16-050*

Holmberg, Nico, *s17-003*
Holt, Katherine B., *s16-050*
Holuscha, David, *(Tue s13)17:00*
Holze, Rudolf, *s06-020*, *s08-032*
Holzinger, Angelika, *(Fri 02)11:30*
Homem-de-Mello, Paula, *s16-018*
Homma, Takayuki, *s07-009*
Hong, Min Young, *s06-021*, *s06-034*
Hong, Seung-Tae, *s06-119*
Hong, Wesley, *(Thu 07)17:20*
Hong, Yu-Hao, *s15-031*
Honma, Kazumasa, *s20-057*
Honores, Jessica, *s18-011*
Hoogeland, Martijn, *(Mon s13)10:10*
Hornberger, Helga, *s14-017*
Horng, Ren-Yang, *s09-023*
Horstmann, Birger, *s16-053*
Horswell, Sarah, *(Thu 03)10:10*
Hoshi, Nagahiro, *(Tue s16)18:00*
Hoshi, Yoshinao, *(Tue s13)10:10*, *s03-025*
Hoshino, Tsuyoshi, *(Mon s11)18:20*
Hoskovcová, Irena, *s15-014*
Hosseini Nia, Bahram, *s02-017*
Hosseinpour, Saman, *s13-020*
Hosu, Oana, *s10-029*
Hou, Baorong, *(Mon s13)10:30*
Hou, Chengyi, *(Wed s02)09:50*, *(Fri 10)11:50*, *s18-035*
Hou, Chia-Hung, *(Tue s09)15:40*, *(Tue s09)18:00*, *s09-001*, *s11-006*
Hou, Yuyang, *s06-086*
Houmam, Abdelaziz, *(Tue s15)09:30*
Hovestad, Arjan, *(Thu 10)16:40*
Howlett, Patrick, *(Tue s06)09:30*, *s06-083*
Hrbac, Jan, *s01-049*, *s02-034*
Hrstka, Roman, *(Thu 04)15:20*
Hsieh, Wan-Zhen, *(Fri 13)10:50*, *(Fri 13)10:50*
Hsing, I-Ming, *(Mon s01)16:40*
Hsu, Da-Je, *(Tue s08)14:00*
Hu, Chi-Chang, *(Tue s08)14:00*, *s02-047*
Hu, Jin-Song, *s07-079*
Hu, Juan, *s13-025*
Hu, P., *(Thu 07)15:40*, *s07-093*
Hu, Shu, *s16-045*
Hu, Xin-Ming, *s18-010*
Hu, Yang, *(Tue s07)14:40*
Hu, Yong-Sheng, *(Wed s06)10:10*
Huang, Hao, *(Thu 10)17:20*, *s10-030*
Huang, Jiaxin, *(Mon s06)16:00*
Huang, Jun, *(Wed s16)09:30*
Huang, Ling, *s06-022*
Huang, Sheng-Chao, *s16-046*
Huang, Sheng-Siang, *s08-026*
Huang, Teng-Xiang, *s16-046*
Huang, Xia, *(Tue s09)10:10*
Huang, Xiao, *(Thu 10)17:20*, *s10-041*
Huang, Xiaohua, *s06-023*
Huang, Yi-Fan, *s16-009*, *s16-023*, *s16-038*
Huang, Yi-June, *s12-001*, *s12-005*
Huang, Zhuangqun, *(Tue s01)18:20*
Hubin, Annick, *(Mon s01)10:10*, *(Tue s14)15:00*, *(Thu 10)14:00*, *s04-015*, *s06-078*, *s07-069*, *s20-060*
Hudari, Felipe, *s02-060*
Hughes, Anthony, *(Fri 13)09:50*
Huguenot, David, *(Tue s11)16:40*
Huguet, Patrice, *(Thu 07)14:40*
Hui, Jingshu, *(Mon s16)10:30*
Huiliñir, Cesar, *s11-044*
Hung, Min-Sheng, *s03-039*
Hunt, Ian, *(Thu 12)15:40*
Huo, Zhaohui, *(Thu 10)15:00*
Hursán, Dorottya, *s18-005*
Hush, Noel S., *(Mon s03)09:30*
Hushpulian, Dmitry M., *s03-008*
Huskens, Jurriaan, *s18-039*
Hussainova, Irina, *s04-023*
Hussein, Kanso, *(Wed s03)10:00*, *s03-019*
Hutchings, Graham J., *(Thu 07)18:00*
Hwang, Ee Taek, *(Tue s03)09:30*
Hwang, Eunkyoung, *s07-016*
Hwang, Hojin, *s11-003*, *s11-005*
Hwang, Imgon, *s02-066*, *s10-063*
Hwang, Inseong, *(Thu 04)10:10*
Hwang, Jeemin, *s07-077*

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Iadecola, Antonella, *(Tue s08)14:20*
Iakobson, Olga, *(Thu 10)16:00*, *s10-033*
Ibañez, David, *(Mon s15)14:40*, *s02-031*, *s02-035*
Ibañez-Huerta, Abel, *s11-014*
Iftekhar, Maryam, *s06-001*
Ihara, Masahiro, *s07-083*
Ihrfors, Charlotte, *s06-024*
Iiyama, Akihiro, *(Thu 07)14:40*, *(Fri 07)10:50*, *s07-083*, *s07-120*
Ikeda, Daiki, *(Tue s07)16:00*
Ikeda, Katsuyoshi, *(Tue s16)18:00*
Ikpo, Chinwe, *s06-025*
Im, Dongmin, *(Tue s06)10:30*
Imae, Ichiro, *s10-028*
Imai, Hideto, *s07-081*
Inaba, Minoru, *(Fri 07)09:30*
Inada, Ryoji, *(Tue s06)17:40*, *s06-059*
Indris, Sylvio, *s06-062*
Inesi, Achille, *s15-002*
Inganäs, Olle, *(Fri 10)09:30*
Inguanta, Rosalinda, *(Fri 10)10:50*, *s04-020*, *s07-010*, *s07-011*
Iniesta, Jesus, *s01-019*, *s01-020*
Inkpen, Michael, *s15-025*
Ino, Kosuke, *(Mon s01)14:40*, *s02-057*
Inostroza, Elizabeth, *s10-101*
Inoue, Kumi, *(Mon s01)14:40*
Inoue, Toshinori, *s06-141*
Inwood, David, *s02-036*
Inzelt, György, *(Thu 10)15:20*
Ionescu, Anca Luiza, *s16-049*
Ioroi, Tsutomu, *s07-080*
Iourtchouk, Tatiana, *(Tue s11)17:20*
Iranzo, Audrey, *(Tue s11)18:20*
Irtem, Erdem, *(Fri 18)09:30*
Isaacs, Mauricio, *(Mon s15)17:20*, *s01-032*, *s03-036*, *s18-011*
Ishige, Yu, *s01-045*
Ishihara, Akimitsu, *s07-081*, *s07-126*, *s07-136*
Ishihara, Yuki, *(Tue s06)17:40*
Ishikawa, Hiroaki, *s06-049*
Ishikawa, Masashi, *(Mon s08)14:20*
Ishiyama, Tomohiro, *s07-145*
Islam, Husn-Ubayda, *s16-050*
Ismail, Abdulghani, *s04-029*
Isse, Abdirisak A., *(Mon s15)17:40*, *s15-004*, *s15-007*, *s15-008*, *s15-009*
Istakova, Olga, *(Thu 10)14:40*, *s07-034*, *s10-031*, *s10-032*
Itagaki, Masayuki, *(Tue s13)10:10*, *s03-025*, *s03-063*, *s06-066*
Itagaki, Naho, *s10-070*
Itagaki, Noriaki, *s07-062*
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Itkis, Daniil, *s16-043*
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Ito, Seitaro, *(Thu 06)09:50*, *(Thu 06)09:50*
Ivanistsev, Vladislav, *(Tue s08)17:20*, *s06-026*
Ivanov, Roman, *s04-023*
Ivanov, Svetlozar, *s06-027*, *s06-047*, *s16-024*
Ivanov, Viktor, *s10-033*
Ivanova, Galya, *s08-039*
Ivošević De Nardis, Nadica, *s03-029*
Ivusic, Franjo, *s13-026*
Iwama, Etsuro, *(Tue s08)14:20*
Iwasaki, Satoshi, *s06-090*
Iwashita, Risa, *s03-025*
Iwuoha, Emmanuel, *(Thu 02)10:30*, *(Thu 02)15:40*, *s01-038*, *s01-047*, *s04-008*, *s04-011*, *s06-025*, *s08-012*, *s10-102*
Iyer, Vinay, *s07-042*
Izquierdo, Daniel, *(Tue s01)16:00*
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Jablonska, Anna, *(Thu 20)18:20*
Jacas Biendicho, Jordi, *s11-039*
Jackson, Colleen, *(Tue s07)10:10*
Jacob, Timo, *(Mon s16)14:40*, *s16-027*
Jacobse, Leon, *s16-038*
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Jäger, Ales, *(Tue s13)16:00*
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Jambrec, Daliborka, *s03-056*, *s03-059*
James, Tony D., *(Tue s01)17:00*
Janáky, Csaba, *(Fri 10)11:10*, *s18-005*
Jang, Hansaem, *s09-005*
Janiszek, Dominika, *s03-057*, *s04-017*
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Jaouen, Gérard, *(Thu 04)17:40*
Japiassu, Kamila, *s01-021*
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Jaskolska, Magdalena, *s07-008*
Jaskula, Marian, *s10-051*
Je, Hae-June, *s06-087*
Jebaraj, Adriel J.J., *(Wed s10)10:30*
Jedraszko, Justyna, *(Thu 20)16:00*
Jeerapan, Itthipon, *s01-040*
Jehnichen, Philipp, *s06-028*
Jembere, Solomon, *s11-011*
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Jensen, Jens Oluf, *(Tue s07)14:40*
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Jeon, Young-Eun, *s02-037*
Jeon, Yuju, *s06-029*
Jeong, Beomgyun, *(Mon s07)15:40*
Jeong, Goojin, *s06-105*
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Jeong, Hwakyeung, *s02-067*
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Jeppesen, Jan, *(Thu 16)10:10*
Jeremiasse, Adriaan, *s05-009*
Jeschull, Fabian, *(Mon s06)14:40*
Jetzschmann, Katharina J., *s03-013*, *s03-045*
Jeuken, Lars, *(Tue s03)09:30*
Jezowski, Pawel, *(Mon s08)10:10*, *s08-001*, *s08-009*
Ji, Chang, *(Tue s15)09:30*
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Jia, Haiping, *s06-055*
Jia, Yanyan, *s07-137*
Jiang, Hua, *s07-085*
Jiang, Xi, *(Tue s06)18:20*, *(Fri 06)09:50*
Jiang, Yan-Xia, *s10-006*
Jie, Shen, *s01-023*
Jimenez-Manero, Pablo, *(Thu 06)15:40*
Jiménez-Sandoval, Omar, *s07-125*, *s07-131*
Jin, Dandan, *s08-014*, *s08-019*
Jin, Jian-Ting, *s06-031*
Jinfang, Zhi, *s01-023*
Jinhuai, Liu, *s02-038*
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Jitianu, A., *(Mon s13)17:20*, *s13-001*
Jitvisate, Monchai, *s08-002*
Jo, Kyusik, *s09-009*
Jo, Yong Nam, *s06-011*
Jönsson-Niedziolka, Martin, *(Thu 02)15:20*
Jogdeo, Prasanna, *(Mon s13)18:20*
Johan, Deconinck, *(Tue s13)15:20*
Johnson, Lee, *(Fri 06)10:10*
Johnson, Robert, *s16-047*
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Joiret, Suzanne, *(Tue s13)09:30*
Jolivalt, Claude, *s03-016*
Jones, Bryn, *s16-039*
Jones, Deborah, *(Tue s07)14:00*
Jongsma, Maarten, *(Thu 02)10:10*
Joost, Urmas, *(Thu 07)15:20*
Jorge, Sonia Maria Alves, *s04-018*
Jouini, Mohamed, *(Thu 10)17:40*
Jourdin, Ludovic, *s05-008*
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Juřík, Tomáš, *s02-025*
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Juárez-Gómez, Jorge, *s09-013*
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Jukk, Kristel, *(Fri 20)10:50*
Juma, Jamil, *s14-004*
Junior, Archimedes, *s13-010*
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Kacar, Ceren, *s10-091*
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Kaesche, Stefanie, *s20-034*
Kakinuma, Katsuyoshi, *(Thu 07)14:40*
Kakiuchi, Takashi, *s20-005*
Kakizaki, Hirotaka, *(Thu 18)17:20*
Kakizawa, Yu, *s07-083*
Kalaitzidou, Ioanna, *(Mon s11)17:40*
Kallio, Tanja, *(Thu 07)15:20*, *s07-014*, *s07-025*, *s07-085*, *s07-122*
Kaltenboeck, Ilena, *s07-084*
Kalyanarangan, Balaji, *(Thu 12)14:40*
Kamat, J. V., *s02-003*
Kamata, Tomoyuki, *s01-046*
Kamon, Keisuke, *s20-005*
Kanaizuka, Katsuaki, *(Fri 10)11:30*
Kanamura, Kiyoshi, *s06-113*
Kanayama, Yuuki, *s06-141*
Kandhasamy, Kamaraj, *(Fri 13)11:50*
Kang, Feiyu, *s08-023*
Kang, Junil, *s09-009*
Kang, Juyeon, *s01-004*
Kang, Li-Shuo, *s15-013*
Kang, Minkyung, *(Tue s14)15:00*, *(Fri 02)11:50*
Kang, Yong-Mook, *s06-061*, *s06-093*
Kanninen, Petri, *(Thu 07)15:20*, *s07-085*
Kanno, Yusuke, *(Mon s01)14:40*, *s02-057*
Kanoufi, Frederic, *(Mon s15)10:10*, *(Thu 10)18:00*
Kapaev, Roman, *s06-096*
Kapitanova, Olesya, *s16-043*
Kapusta-Kolodziej, Joanna, *(Fri 10)09:50*
Kar, Tathagata, *s10-047*
Karaballi, Reem, *(Tue s01)17:40*
Karabozhikova, Vasilena, *s20-031*
Karadas, Ferdi, *s07-015*
Karajic, A., *(Wed s03)10:10*
Karakulina, Olesia, *s06-013*
Karatrantos, Argyrios, *s06-100*
Karbarz, Marcin, *s10-020*
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Karlfeldt Fedje, Karin, *(Thu 05)10:30*
Karlsson, Christoffer, *(Thu 10)17:20*, *s10-030*
Karman, Cheryl Maria, *(Thu 02)18:00*
Karnbach, Franziska, *s07-018*
Karpinska, Monika, *s03-057*, *s04-017*
Karyakin, Arkady, *s03-004*, *s03-035*
Kas, Recep, *s18-039*
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Kaspar, Robert, *(Fri 02)11:10*
Kasuk, Heili, *s16-026*
Kataev, Elmar, *s16-043*
Katagishi, Kensuke, *s03-063*
Kataky, Ritu, *(Thu 03)09:30*
Kato, Akihiro, *(Fri 07)09:50*, *s11-030*, *s12-003*
Kato, Dai, *s01-046*
Kato, Daiki, *s01-046*
Kato, Masaru, *s07-086*
Kato, Yoshitaka, *(Tue s13)10:10*
Katogi, Akihiro, *s06-110*
Katori, Norihiko, *s02-043*
Katsaounis, Alexandros, *(Mon s11)17:40*, *s07-100*, *s11-025*
Katsounaros, Ioannis, *s16-004*, *s16-009*, *s16-013*, *s18-023*
Katsumata, Ken-ichi, *s03-063*
Kauppinen, Esko, *s07-014*, *s07-025*
Kausar Janjua, Naveed, *s02-008*
Kautek, Wolfgang, *s10-035*
Kavanagh, Paul, *(Tue s03)15:00*
Kavunga, Sunil, *s18-026*
Kawahara, Takuto, *s10-007*
Kawamura, Ryutaro, *s02-013*
Kawaura, Hiroyuki, *(Wed s16)10:10*
Kawk, Da-Hee, *s10-065*
Kay, Nicola, *(Thu 16)10:10*
Kayran, Yasin Ugur, *s03-056*, *s07-143*
Kayser, Steffen Alexander, *(Mon s06)15:00*
Kazda, Tomas, *s06-032*
Kazimierczak, Honorata, *(Mon s13)14:00*
Kazuyuki, Yoda, *(Thu 12)14:40*
KC, Chandra B., *(Mon s03)17:00*
Kebede, Noah, *s01-005*
Keeler, Alexander, *s07-087*
Keeley, Gareth P., *(Tue s07)09:30*
Kekedy-Nagy, Laszlo, *s03-040*
Keles, Turgut, *s10-099*
Keller, Jürg, *s05-008*
Keller, Marlou, *(Mon s06)15:20*
Kenis, Paul, *(Mon s11)18:00*
Kéranguéven, Gwénaëlle, *(Thu 07)17:00*
Kern, Klaus, *s07-076*
Kerr, Emily, *s20-052*
Kerwald, Jonas, *(Thu 12)16:00*
Keszeliová, Daniela, *s15-041*
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Khairullina, Dinara, *s10-032*
Khan, Azam, *s18-021*
Khare, Chinmay, *(Fri 20)09:30*
Khazi, Isman, *s01-024*
Khodayari, Mehdi, *s20-007*
Khouider, Ali, *s16-016*
Kibena-Põldsepp, Elo, *(Fri 20)11:10*, *s10-049*
Kibler, Ludwig, *(Mon s16)14:40*
Kilias, George, *s07-100*
Kilic, Esma, *s10-089*, *s10-091*
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Kim, Bongkyu, *s03-020*, *s05-006*
Kim, Byoung Gak, *s08-034*
Kim, Byung-Kook, *s06-087*
Kim, Dong-Min, *s06-122*
Kim, Dong-Wan, *s06-087*
Kim, Duri, *s06-021*, *s06-034*
Kim, Eun Joong, *(Thu 04)10:10*
Kim, Eunok, *s12-011*
Kim, Hak-Sung, *(Tue s08)17:00*
Kim, Hansu, *s06-033*, *s06-105*
Kim, Hasuck, *s07-001*
Kim, Ho Young, *s07-016*
Kim, Hyea, *(Mon s06)16:00*
Kim, Hyeyun, *s06-035*
Kim, Hyun Soo, *s06-121*
Kim, Jaekwang, *s12-007*, *s12-011*
Kim, Jayoung, *s03-060*
Kim, Jongwon, *s02-067*
Kim, Joosun, *s06-087*
Kim, Ki-Bum, *(Thu 02)16:40*
Kim, Kiyoul, *s06-133*, *s20-022*
Kim, Min-Cheol, *s10-062*, *s10-064*, *s10-065*
Kim, Nayoung, *s07-088*
Kim, Sang-Wook, *s12-007*
Kim, Seon-Min, *s06-121*
Kim, Si-Jin, *s10-062*, *s10-064*, *s10-065*
Kim, Soo-Kil, *s07-016*

Kim, Soochan, *s02-068*, *s02-069*, *s07-017*
Kim, Suhee, *s02-039*
Kim, Tae-Ho, *s08-034*
Kim, Taeyoung, *s09-009*
Kim, Won Bin, *s02-068*, *s02-069*, *s07-017*
Kim, Young-Jun, *s06-011*, *s06-105*
Kinumoto, Taro, *s06-141*
Kirakosyan, Serezha, *s07-056*
Kishimoto, Haruo, *s07-145*
Kisu, Kazuaki, *(Tue s08)14*:*20*
Kitamura, Kanae, *s01-006*
Kizling, Michał, *(Wed s03)10*:*30*
s03-026
Kjeang, Erik, *(Thu 07)15*:*00*,
(Thu 12)17:*00*, *s12-004*
Klaver, Peter, *s17-014*
Kleebe, Hans-Joachim, *(Tue s07)15*:*20*
Klein, Jens, *s02-070*
Klein, L.C., *(Mon s13)17*:*20*, *s13-001*
Klemm, Elias, *s18-020*
Klerk, Niek, *s06-139*
Klett, Matilda, *s06-070*, *s06-075*
Klink, Stefan, *s01-045*, *s07-003*
Klöpsch, Richard, *s06-055*
Knapp, Michael, *s06-010*
Knights, Shanna, *(Thu 12)14*:*00*
Knittel, Peter, *(Fri 20)09*:*50*, *(Fri 02)11*:*30*
Knotek, Petr, *(Tue s13)16*:*00*
Ko, Jeongsik, *(Tue s06)10*:*30*
Kobayashi, Ryo, *s06-088*
Koca, Atif, *s10-077*, *s10-078*, *s10-099*
Koch, Aljoscha, *s05-002*
Koch, Christin, *(Mon s13)18*:*20*
Koch, Stephan, *s06-112*
Koczkur, Kallum M., *(Tue s15)09*:*30*
Koczwara, Christian, *(Tue s08)15*:*40*
Kodali, Mounika, *s05-001*
Kodama, Kensaku, *(Mon s17)15*:*00*
Kodym, Roman, *s07-067*
Köcher, Simone S., *s17-009*
Koenigseder, Alexander, *s06-038*
Koga, Kazunori, *s10-070*
Kohno, Yuji, *(Fri 07)09*:*50*, *s01-018*,
s11-030, *s12-003*
Kohring, Gert, *s11-056*
Kohsakowski, Sebastian, *s10-008*
Koike, Taisuke, *(Tue s13)10*:*10*
Koiranen, Tuomas, *s10-039*
Kokoh, Koaukou Boniface, *s07-065*,
s07-139, *s16-021*
Kolb, Manuel, *(Mon s16)15*:*40*, *s17-008*
Kollender, Jan Philipp, *(Tue s13)14*:*20*,
s04-016
Kolodziej, Adam, *(Thu 10)15*:*40*, *s08-020*
Komaba, Shinichi, *s06-101*, *s06-110*
Komkova, Maria, *s03-004*, *s03-035*
Kondo, Hiroki, *(Wed s16)10*:*10*
Kondo, Takeshi, *s03-063*
Kondo, Yasuhito, *(Wed s16)10*:*10*
Konev, Dmitry, *(Thu 10)14*:*40*, *s07-028*,
s10-031, *s10-032*, *s10-037*, *s15-010*,
s17-012
Kongi, Nadezda, *(Fri 20)10*:*50*
Konkena, Bharathi, *(Thu 10)15*:*00*,
s07-089
Kontos, Athanassios G., *s02-034*
Koo, Bon-Min, *(Thu 06)14*:*40*
Koo, Boram, *s12-006*
Kooyman, Patricia J., *(Mon s07)17*:*40*
Koper, Marc, *(Mon s11)10*:*10*,
(Mon s16)15:*40*, *(Mon s07)17*:*40*,
(Tue s16)14:*20*, *(Fri 13)11*:*10*,
s15-026, *s15-029*, *s15-038*, *s16-004*,
s16-007, *s16-009*, *s16-013*, *s16-015*,
s16-023, *s16-038*, *s17-005*, *s17-008*,
s18-015, *s18-016*, *s18-018*, *s18-023*
Kopiec, Gabriel, *(Thu 18)14*:*40*,
(Thu 10)17:*00*
Kopljar, Dennis, *s18-020*
Korchev, Yuri, *s01-017*
Kornyshev, Alexei A., *(Mon s17)09*:*30*,
(Mon s17)10:*10*
Korte, Carsten, *s06-028*, *s06-136*, *s07-135*,
s20-006
Korth, Martin, *(Mon s08)14*:*40*
Kortlever, Ruud, *(Mon s07)17*:*40*, *s18-015*
Kosek, Juraj, *s07-037*, *s07-038*, *s07-041*
Kosmidou, Theodora, *(Thu 12)15*:*20*
Koßmann, Jörg, *s07-089*
Kostecki, Robert, *(Tue s06)14*:*20*
Kostiuchenko, Zinaida, *s17-002*
Kotani, Akira, *s01-006*
Kotoulas, Ioannis, *s20-023*
Kotronia, Antonia, *(Thu 06)15*:*40*
Kottrup, Konstantin, *s15-022*
Kotzianova, Adela, *s01-049*
Kovář, David, *s02-025*
Koyama, Yukinori, *(Fri 06)11*:*50*
Koz, Cevriye, *s06-036*
Kozlova, Ekaterina, *s01-051*
Kraatz, Heinz-Bernhard, *(Thu 02)17*:*20*
Kraljić Roković, Marijana, *s10-085*
Kramer, Denis, *(Mon s07)17*:*20*,
(Tue s07)10:*10*
Kramm, Ulrike I., *(Tue s07)15*:*20*,
(Thu 07)16:*00*, *s18-024*
Kranz, Christine, *(Tue s01)18*:*00*,
(Fri 20)09:*50*, *(Fri 02)11*:*30*
Krause, Andreas, *(Thu 10)18*:*00*
Krause, Kay J., *(Tue s03)16*:*40*
Krause, Philipp P. T., *s16-010*
Krbal, Milos, *s10-044*
Kremliakova, Natalia, *s07-124*
Krischer, Katharina, *(Mon s13)09*:*30*,
(Tue s16)10:*30*
Krischok, Stefan, *s06-027*, *s06-047*
Krishna, Katla Sai, *s10-071*
Krishna, Muthu, *s07-035*
Kristan Mioc, Ekatarina, *(Mon s13)15*:*20*,
s13-020, *s13-020*
Kristianto, Hans, *s08-008*
Kriston, Akos, *(Thu 12)15*:*20*, *s06-058*
Kromer, Mathew, *(Thu 10)15*:*40*
Krtil, Petr, *s11-053*
Krüner, Benjamin, *s08-033*
Krummacher, Jakob, *(Mon s08)14*:*40*
Kruszewski, Marcin, *(Mon s03)16*:*00*
Kruusenberg, Ivar, *(Thu 07)15*:*20*
Krysiak, Olga, *(Mon s07)18*:*00*,
(Thu 20)16:*00*
Krzak, Agata, *(Mon s03)16*:*00*
Kuang, Yafei, *s06-115*
Kubas, Adam, *(Mon s03)10*:*10*
Kube, Alexander, *s06-089*
Kubicki, Maciej, *s15-024*
Kubota, Kei, *s06-101*, *s06-110*
Kubota, Lauro, *(Mon s01)09*:*50*, *s10-092*,
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Kucernak, Anthony, *(Tue s07)15*:*00*
Kucinskis, Gints, *(Mon s06)17*:*20*
Kudou, Kouichi, *s14-011*
Kudrak, Edward, *(Fri 13)11*:*50*
Kudu, Omer Ulas, *s06-036*
Kühl, Stefanie, *s07-059*
Kühn, Laura, *(Tue s07)18*:*00*
Künzel, Felix, *s13-005*
Kuhn, Alexander, *(Mon s01)15*:*20*,
(Tue s03)18:*20*, *(Wed s03)10*:*10*,
(Thu 10)10:*10*
Kuhn, Annemarie, *s20-045*
Kuhri, Susanne, *s06-028*, *s07-135*
Kulesza, Pawel J., *(Tue s08)16*:*40*,
(Thu 10)16:*00*, *(Thu 18)16*:*00*,
s02-009, *s03-009*, *s03-057*, *s04-017*,
s10-012, *s15-021*, *s15-024*, *s16-005*,
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Kulikovsky, Andrei, *(Mon s17)17*:*20*
Kulkarni, Ashish, *(Mon s13)15*:*00*
Kulkarni, Jaideep, *(Mon s13)15*:*00*
Kulova, Tatiana, *s06-063*, *s06-096*,
s06-104
Kulp, Christian, *s07-134*
Kulp, Katarzyna, *s07-134*
Kulyk, Nadiia, *(Tue s07)09*:*30*, *s07-082*,
s07-090
Kumakura, Shinichi, *s06-101*
Kumar Nune, Satya Vijaya, *s07-015*
Kun, Robert, *(Thu 06)14*:*20*, *(Fri 06)11*:*10*
Kungl, Hans, *(Mon s06)15*:*00*, *s06-019*,
s10-023
Kunikata, Ryota, *(Mon s01)14*:*40*
Kuntke, Philipp, *s05-009*
Kuo, Chia-Heng, *s10-082*
Kuragano, Asako, *s03-063*
Kure-Chu, Song-Zhu, *(Fri 13)11*:*30*,
s10-007
Kurek, Stefan, *s01-042*, *s01-052*
Kurihara, Masato, *(Fri 10)11*:*30*
Kurowska-Tabor, Elzbieta, *(Fri 10)09*:*50*
Kurtanidze, Rusudan, *s15-017*
Kusakabe, Masato, *s07-120*
Kushi, Takuto, *(Fri 07)10*:*10*
Kushibiki, Kanshi, *s07-071*
Kusu, Fumiyo, *s01-006*
Kutner, Wlodzimierz, *(Mon s03)17*:*00*
Kuzmenko, Volodymyr, *s06-035*
Kuzmina, Olga, *s11-048*
Kvaratskhelia, Elene, *s15-017*
Kvarnström, Carita, *s08-028*, *s10-084*
Kwak, Da-Hee, *s10-062*, *s10-064*
Kwiatkowski, Maciej, *(Fri 10)10*:*50*
Kwok, Stephen Chin To, *s16-034*
Kwon, Hyuk Jae, *(Tue s06)10*:*30*
Kwon, Mi-Sook, *s06-102*
Kwon, Youngkook, *(Mon s16)15*:*40*,
(Fri 18)11:*30*
Kyratzis, Ilias, *(Fri 13)09*:*50*

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Laasonen, Kari, *s07-025*, *s17-003*
Labbé, Eric, *(Mon s15)15*:*00*, *s01-013*
Labbé, Fabien, *(Tue s07)09*:*50*
Laborda, Eduardo, *(Thu 20)10*:*10*, *s01-037*
Laborde, Cecilia, *(Thu 02)10*:*10*
Lacey, Matthew J., *(Mon s06)14*:*40*
Lacôte, Emmanuel, *(Thu 10)15*:*00*
Lado, Julio, *s09-008*

Läll, Laura, *s16-041*
Lämmel, Christoph, *s01-003*
Lagonotte, Patrick, *s06-067*
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Lahiri, Abhishek, *s06-037*
Lahodny-Sarc, Olga, *s13-026*
Lai, Shun-Yi, *s10-082*
Lai, Stanley C.S., *s07-055*
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Lamberti, Andrea, *s11-029*, *s16-049*, *s18-004*
Lamibrac, Adrien, *s07-083*
Lammer, Michael, *s06-038*
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Lan, Yandi, *(Tue s11)14:40*
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Langford, Steven J., *s04-004*
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Langner, Joachim, *(Wed s07)09:30*, *s07-039*
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Lannebère, Sylvain, *(Wed s05)10:30*
Lannelongue, Jérémy, *(Thu 10)10:10*
Lapeyre, Veronique, *(Mon s01)15:20*
Lapicque, François, *(Mon s11)15:20*, *(Thu 12)16:00*, *s11-027*
Lara Beltram, Matias, *s03-024*
Larios Durán, Erika Roxana, *(Mon s03)15:20*
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Laumen, Jennifer, *s07-048*
Launay, Jerome, *(Thu 04)17:20*
Laurent, Barbara, *(Tue s13)14:40*
Laurent, Michel, *(Thu 10)14:40*, *s10-056*
Lauria, Alessandro, *(Tue s14)17:40*
Lauro, Federico M., *s02-007*
Lavelaine, Hervé, *(Mon s11)15:20*, *(Tue s11)14:20*
Lavielle, Solange, *s01-013*
Lavrijsen, Reinoud, *s02-061*
Lazar, Ioana-Georgiana, *s15-020*
Lazarescu, Mihai F., *s20-015*
Lazarescu, Valentina, *s20-015*
Lázaro, Mª Jesús, *s07-114*
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Lazerges, Mathieu, *s03-051*
Lê, Aurore, *(Fri 07)11:30*
Le Goff, Alan, *s10-088*
Le Mercier, Thierry, *(Mon s08)15:40*
Le Naour, Claire, *(Thu 20)15:20*
Le, Thi-Xuan-Huong, *s09-012*
Leach, Andrew, *s10-093*
Leary, Edmund, *(Thu 16)10:10*
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Ledesma-García, Janet, *s07-052*, *s07-053*, *s07-054*
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Lee, Ah-Jung, *s06-105*
Lee, Chong-Yong, *(Tue s03)09:30*
Lee, Chuan-Pei, *s12-005*
Lee, Dong Hoon, *s07-088*
Lee, Dong-Gyu, *s20-028*
Lee, Eun-Su, *s07-088*
Lee, Gibaek, *s06-111*
Lee, Gwang-Hee, *s06-087*
Lee, Gyu-Ho, *s10-064*, *s10-065*
Lee, Ha-Young, *s12-008*
Lee, Heung Chan, *(Tue s06)10:30*
Lee, Hye Jin, *s01-007*, *s02-039*
Lee, Ilbok, *s12-007*, *s12-011*
Lee, Jae Gyeong, *s14-013*, *s16-035*
Lee, Jae Kwang, *s09-005*
Lee, Jaein, *s20-020*, *s20-022*, *s20-024*, *s20-025*
Lee, Jaeyoung, *(Mon s07)15:40*, *s09-005*
Lee, Jeong-Seon, *s06-018*
Lee, Jim Yang, *(Tue s06)18:20*, *(Fri 06)09:50*
Lee, Jin-Young, *s14-013*, *s16-035*
Lee, Jong-soo, *s08-013*
Lee, Joong Kee, *s08-008*
Lee, Juhan, *(Tue s08)15:20*
Lee, Jung-Tae, *(Mon s06)16:00*
Lee, Kidan, *(Thu 02)16:40*
Lee, Lita, *(Thu 10)18:20*
Lee, Moo-Seok, *s07-088*
Lee, Patricia, *s20-035*
Lee, Pei-Tzu, *(Fri 13)10:50*, *s13-003*, *s13-003*
Lee, Sang Ha, *s02-068*, *s02-069*, *s07-017*
Lee, Sang Hyun, *(Tue s08)17:00*
Lee, Sang-Min, *s06-121*
Lee, Seun, *s06-087*
Lee, Soo Youn, *s05-005*
Lee, Sunmi, *s14-013*
Lee, Yong-Gun, *s06-123*
Lee, Yoo Seok, *s03-020*, *s05-006*
Lee, Youngkwan, *s02-068*, *s02-069*, *s07-017*
Lee, Yu-Wei, *s11-026*, *s13-003*, *s14-014*
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Lefterova, Elefteria, *s07-005*
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Legrand, Louis, *(Tue s09)14:00*
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Leimkühler, Silke, *s03-048*
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Leisegang, Tilmann, *(Fri 06)11:50*
Leitch, J. Jay, *s04-013*
Leite, Karla Carneiro de Siqueira, *s01-053*, *s04-028*
Leiva, Ezequiel Pedro Marcos, *s06-041*, *s06-042*, *s06-051*, *s06-052*
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Lemay, Serge, *(Thu 21)08:15*, *(Thu 02)10:10*, *s17-002*
Lemercier, Gabriel, *(Thu 04)17:20*
Lemos, Sherlan S., *s02-059*
León Sotelo, María Isabel, *s07-036*
Leonard, Nathaniel, *(Thu 07)17:20*
Leontidou, Tina, *(Thu 02)16:40*
Lesch, Andreas, *s07-092*
Lesowiec, Judith, *(Mon s08)16:40*
Lespes, Nicolas, *(Mon s17)14:40*
Lettenmeier, Philipp, *(Mon s07)18:20*
Letterio, Michael, *(Fri 02)11:10*
Leung, Benjamin, *s11-046*
Levchenko, Alexey, *s06-015*
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Levi, Mikhael, *(Wed s10)09:30*
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Levon, Kalle, *s03-052*
Lew-Yee, Juan Felipe Huan, *s20-013*, *s20-014*
Lewis, Jennifer, *s07-042*
Leyk, Janina, *s04-026*
Li, Chun-Ting, *s12-005*
Li, Fengwang, *(Fri 18)11:50*, *s04-004*, *s18-021*
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Li, Huaiguang, *(Tue s03)14:40*, *s03-005*
Li, Jian, *s06-014*
Li, Jian-Feng, *s16-045*
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Li, Jun-Tao, *s06-022*
Li, Meixian, *s02-005*
Li, Qingfeng, *(Tue s07)14:40*
Li, Qiyang, *s06-030*, *s06-045*
Li, Suping, *s04-012*
Li, Tao, *s08-014*, *s08-015*, *s08-019*
Li, Tianshu, *(Tue s13)15:00*
Li, Xianji, *(Fri 06)09:30*
Li, Xiaogang, *s13-019*
Li, Xiaowei, *(Mon s15)15:40*
Li, Xiaoxia, *s06-043*
Li, Xiuting, *s02-006*
Li, Yamei, *s15-027*
Li, Yang, *s06-044*
Li, Ying, *(Tue s13)15:00*, *(Thu 02)17:40*
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Liao, Ying-Chih, *s10-094*
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Lillethorup, Mie, *s18-010*
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Lima, Ruiter Moraes, *s04-027*, *s04-028*
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Limtrakul, Jumras, *(Mon s01)15:20*
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Lin, Jeng-Yu, *s08-035*, *s14-001*
Lin, Kai-Qiang, *s16-045*

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Lin, Shih Chien, *s10-094*
Lin, Tsung-Wu, *s08-035*
Lin, Wen-Feng, *(Thu 07)15*:*40*, *s07-093*, *s07-112*
Lin, Xiao, *(Thu 07)15*:*40*, *s07-093*
Lin, Yan, *s06-023*
Lin, Yan-Fen, *(Thu 20)17*:*20*
Lindahl, Niklas, *(Tue s07)17*:*20*
Lindberg, Simon, *s08-010*
Lindbergh, Göran, *s06-017*, *s06-070*, *s06-075*
Lindfors, Tom, *(Thu 10)16*:*40*, *s03-052*
Lindgren, Fredrik, *(Mon s06)14*:*40*, *(Thu 16)09*:*50*
Linke, Alexander, *s20-007*
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Lipkowski, Jacek, *(Wed s03)10*:*20*, *(Thu 03)09*:*50*, *s04-013*
Lippert, Sara, *(Tue s03)18*:*00*
Lisdat, Fred, *(Tue s03)18*:*00*, *(Thu 18)15*:*20*, *s03-006*, *s03-006*, *s03-024*
Liska, Alan, *(Mon s15)16*:*00*
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Little, R. Daniel, *(Mon s15)09*:*30*, *s15-013*
Liu, Baohong, *s01-036*
Liu, Bi-Ju, *s16-045*
Liu, Can, *(Tue s16)14*:*40*, *s06-095*, *s16-040*
Liu, Chi-Yang, *s07-095*, *s07-096*
Liu, Dandan, *(Wed s05)10*:*10*
Liu, Danqing, *s16-025*
Liu, G., *(Tue s06)14*:*20*
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Liu, Hung-Cheng, *s14-006*
Liu, Jianguo, *s07-094*
Liu, Jianyun, *(Tue s09)17*:*40*, *s02-040*
Liu, Kunlei, *(Tue s09)17*:*20*
Liu, Li, *(Tue s13)15*:*00*
Liu, Liang, *(Thu 20)15*:*40*
Liu, Po-I., *s09-023*
Liu, Run, *s14-009*
Liu, Wan-Yun, *(Thu 02)17*:*40*
Liu, Wei, *(Tue s07)18*:*00*
Liu, Xiaoxia, *s08-027*
Liu, Yang, *(Fri 02)11*:*30*
Liu, Yingjia, *s06-134*, *s06-135*
Liu, Yu-Hsuan, *(Tue s09)18*:*00*
Liu, Yujie, *s01-036*
Liu, Yun, *s01-036*
Liu, Yuqing, *(Tue s08)17*:*40*
Liu, Zhiyong, *s13-019*
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Ljubek, Gabrijela, *s10-085*
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Lo Faro, Massimiliano, *s07-127*
Lo, S-C., *s18-031*
Lobato, Justo, *(Mon s11)14*:*40*, *s05-003*, *s05-004*
Lobo-Castañón, María Jesús, *(Mon s03)15*:*40*
Lobón, Gérman Sanz, *s04-027*, *s04-028*, *s09-010*
Locatelli, Cristina, *s10-011*, *s16-014*
Lockwood, Colin, *(Tue s03)09*:*30*
Löwen, Hartmut, *(Mon s17)17*:*40*
Loftager, Simon, *(Mon s17)18*:*20*
Lohmann, Felix P., *s07-097*
Lojou, Elisabeth, *s03-007*
Loke, Seng, *(Mon s01)09*:*30*
Lombardo, Salvatore, *s07-010*, *s07-011*
London, Gábor, *s18-005*
Long, Nicholas, *s15-025*
Long, Xiao, *s08-044*
Loosveldt, Johanna, *(Thu 20)15*:*00*
Lopes da Silva, Amison Rick, *s11-028*
Lopes, Isabela, *s01-053*
Lopes, Thiago, *(Tue s07)15*:*00*
López, Conrado, *s11-042*
Lopez De Lacey, Antonio, *s03-017*
Lopez, Francesca, *s03-021*
López, Montse, *s16-044*
López-Cudero, Ana, *(Fri 06)11*:*30*
López-León, Servando, *(Thu 20)15*:*20*
López-Luke, Tzarara, *s12-009*
Lopez-Montero, Ivan, *(Mon s03)10*:*30*
López-Oyama, Ana B, *s13-012*
López-Vizcaíno, Rubén, *s11-008*
Lorandi, Francesca, *(Mon s15)17*:*40*, *s15-007*, *s15-008*, *s15-009*
Lorcy, Dominique, *(Mon s15)10*:*30*
Lota, Grzegorz, *s08-016*, *s08-017*
Lota, Katarzyna, *s08-007*, *s08-016*, *s08-017*
Lotowska, Weronika A., *s03-009*
Lottin, Olivier, *(Thu 07)15*:*00*
Lourencao, Bruna C., *s01-025*
Low, Paul, *(Thu 16)10*:*10*
Low, Ze-Xian, *s02-032*
Lu, Cong, *(Thu 04)17*:*40*
Lu, Huiran, *s06-035*
Lu, Kedan, *s14-009*
Lu, Ping, *s11-046*
Lu, Qinyan, *s14-009*
Lu, Yang, *s05-008*
Lu, Yaxiang, *s07-098*
Lubitz, Wolfgang, *(Tue s03)14*:*40*, *s03-050*
Lucas, Dominique, *s10-037*, *s15-010*
Lucas-Granados, Bianca, *s10-060*, *s10-061*, *s10-066*, *s10-067*
Lucht, Brett, *(Mon s06)14*:*00*
Ludvík, Jiří, *(Mon s15)16*:*00*, *s15-014*, *s15-016*, *s15-033*
Ludwig, Alfred, *(Mon s01)15*:*00*, *(Thu 07)16*:*40*, *(Fri 20)09*:*30*
Ludwig, Roland, *s02-054*, *s03-015*, *s03-019*, *s03-047*
Lueck, Jessica, *s06-124*
Lueke, Wiebke, *s07-022*
Lüsi, Madis, *s16-006*
Lugli, Francesca, *(Thu 04)14*:*40*
Lukaczyńska, Monika, *s14-010*
Lukasiewicz, Magdalena, *s03-058*
Lukawska, Malgorzata, *s03-058*
Lunden-Bell, Ruth M., *s06-026*
Luo, Fang, *(Thu 07)17*:*20*
Luo, Jiayan, *s08-023*
Luo, Jingshan, *(Thu 20)17*:*40*, *(Fri 18)11*:*10*
Luo, Zhishan, *(Fri 18)10*:*10*
Luong, Nguyen Dang, *s07-085*
Luque, Guillermina, *s06-041*, *s06-042*
Lust, Enn, *s16-026*, *s16-041*
Luspai, Karol, *s15-041*
Lv, Li-Ping, *(Wed s13)10*:*30*
Lyalin, Andrey, *(Mon s16)18*:*20*
Lycoops, Jess, *(Thu 16)10*:*10*
Lyonnard, Sandrine, *(Mon s06)17*:*40*
Lyubimov, Victor, *s20-039*, *s20-041*

M

Ma Andersen, Shuang, *s07-070*
Ma, C. A., *s07-093*
Ma, Chaoxiong, *(Wed s02)10*:*10*
Ma, Chih-Yu, *s11-006*
Ma, Hongyun, *s08-023*
Ma, Liwei, *(Mon s01)18*:*00*
Ma, Su, *s03-019*, *s03-047*
Ma, Xin-Hui, *s06-031*
Ma, Xingyu, *s10-021*
Ma, Yanwei, *s08-031*
Ma, Yue, *(Mon s06)10*:*10*
Maawad, Emad, *s06-010*
Macak, Jan M., *(Tue s13)16*:*00*, *s10-044*
Macedo, Isaac, *s01-053*
MacFarlane, Douglas, *(Tue s06)09*:*30*, *(Thu 20)14*:*40*, *(Fri 18)11*:*50*, *s06-083*, *s14-005*, *s18-021*
Machado, Rúbia, *s20-053*
Machado, Sergio, *s02-042*
Machata, Peter, *s15-042*
Machini, Wesley Bruno Silva, *s04-018*
Machuca-Martínez, Fiderman, *s11-010*
Maciej, Artur, *s13-004*
Mackiewicz, Marcin, *s10-020*
MacLoughlin, Ronan, *(Fri 02)10*:*10*
Macpherson, Julie, *s16-025*, *s17-013*
Maddar, Faduma, *s03-046*
Madier, Ludovic, *s06-067*
Mänttäri, Mika, *s10-039*
Maevsky, Eugene, *s15-005*
Magagnin, Luca, *s10-046*
Magasinski, Alexandre, *(Mon s06)16*:*00*
Magdesieva, Tatiana, *s15-018*
Magner, Edmond, *(Wed s03)10*:*00*, *s03-010*
Magnussen, Olaf, *(Tue s14)14*:*40*
Mahne, Nika, *(Thu 06)17*:*20*
Mahrholz, Thorsten, *(Mon s08)17*:*20*
Mai, Sebastian, *s06-047*
Maia, Gilberto, *(Fri 20)11*:*10*
Maibach, Julia, *(Thu 16)09*:*50*
Maier, Joachim, *(Mon s06)17*:*20*
Maillard, Florian, *s06-067*
Maillard, Frédéric, *(Tue s07)09*:*50*, *(Tue s07)17*:*40*, *(Fri 07)10*:*10*, *s07-099*
Mais, Laura, *s18-028*
Maj-Zurawska, Magdalena, *s03-057*, *s03-058*, *s04-017*
Majima, Wataru, *s07-009*
Makhlooghiazad, Faezeh, *(Tue s06)09*:*30*
Makri, Marialena, *(Mon s11)17*:*40*
Malacrida, Paolo, *(Mon s16)15*:*00*
Malara, Francesco, *s10-011*, *s16-014*
Maldonado, Stephen, *(Thu 10)09*:*30*
Maldonado, Teresita, *s15-034*
Malek, Ali, *(Wed s16)09*:*30*
Malewski, Yvonne, *s18-015*
Malko, Daniel, *(Tue s07)15*:*00*
Malladi, Sairam Krishna, *(Tue s01)14*:*40*
Mallet, Jean-Maurice, *(Mon s15)15*:*00*
Malpass-Evans, Richard, *s02-011*, *s02-032*, *s02-077*
Maltseva, Alina, *(Mon s13)09*:*50*
Maltz, Alberto, *s16-051*

Malvankar, Nikhil, *(Thu 05)09:30*
Mamme, Mesfin Haile, *s20-061*
Mandler, Daniel, *(Thu 02)14:40*, *(Thu 20)15:40*, *s02-051*
Mangold, Klaus-Michael, *s07-047*
Mano, N., *(Wed s03)10:10*, *s03-007*
Manolescu, Dorina, *s07-124*
Manriquez, Juan, *s09-014*, *s18-013*
Mansuy, Christelle, *s01-013*
Manzanares, Jose, *s17-003*
Manzano, Cristina V., *(Tue s14)17:40*
Mao, Bing-Wei, *(Thu 16)10:10*
Marandi, Margus, *s10-049*
Maranzana, Gael, *(Thu 07)15:00*
Marasso, Simone, *s16-049*
Marcaccio, Massimo, *(Fri 10)10:10*, *s15-037*
Marcantoni, Enrico, *s06-048*
Marchal, Wouter, *s06-082*
Marchini, Florencia, *(Wed s09)10:10*
Marcilla, Rebeca, *(Tue s08)18:00*, *(Thu 09)09:50*
Marcin, Molenda, *s10-072*
Mardel, James, *(Fri 13)09:50*
Marinescu, Monica, *(Thu 12)15:40*, *(Fri 06)10:50*
Mark, Andreas, *(Tue s01)18:20*
Mark, Melanie D., *s04-031*
Marken, Frank, *(Thu 07)14:00*, *(Thu 02)14:00*, *s02-011*, *s02-032*, *s02-077*
Markova, Eva, *s03-051*
Markovic, Nikola, *s03-022*, *s06-091*
Marlier, Pascal, *(Mon s11)15:20*
Maroni, Fabio, *s06-048*
Marques, Marta C., *(Mon s03)10:30*
Marquez, Ileana, *(Mon s03)10:30*
Marquez, Inmaculada, *s03-041*
Márquez-León, Jessica, *s10-096*
Marquitan, Miriam, *s01-017*, *s04-031*
Marriaga-Cabrales, Nilson, *s11-010*
Marshall, Aaron, *(Tue s13)10:30*, *(Thu 18)18:00*
Marsili, Enrico, *(Mon s13)18:20*, *s02-007*
Martemianov, Serguei, *s06-067*
Martín de Vidales, María J., *(Tue s11)16:00*
Martin, Pierre, *s06-046*
Martín, Santiago, *(Thu 16)10:10*
Martinaiou, Ioanna, *(Tue s07)15:20*
Martinez, Francisco, *s01-032*, *s03-036*
Martinez Hincapie, Ricardo, *(Mon s16)14:00*
Martinez, Ulises, *(Tue s07)14:20*
Martinez-Botas, Ricardo, *(Thu 12)15:40*
Martínez-González, Eduardo, *s05-010*
Martinez-Guerra, Eduardo, *s07-115*, *s07-121*
Martínez-Huerta, Mª Victoria, *s07-113*, *s07-114*
Martinez-Huitle, Carlos Alberto, *(Tue s11)15:00*, *(Tue s11)17:00*, *s09-016*, *s11-020*, *s11-021*, *s11-022*, *s11-028*, *s11-038*, *s11-057*, *s16-037*, *s16-052*
Martinez-Mora, Omar, *s15-011*
Martinez-Moreno, Elias, *(Mon s07)10:10*
Martínez-Ortiz, Francisco, *(Thu 20)10:10*
Martino, Eftychia, *s07-100*
Martins, Caue Alves, *s16-008*
Martins Gonçalves, Josué, *s02-004*
Martins, Maria Elisa, *s16-008*
Martins, Mariana, *s09-008*
Martins, Rui C., *s11-019*, *s11-020*
Martins, Vitor L., *(Mon s08)16:40*, *s08-005*
Martucci, Alessandro, *s07-074*
Maruyama, Jun, *s06-090*
Maruyama, Yuki, *s06-049*
Marzun, Galina, *s10-008*
Masa, Justus, *(Mon s01)16:00*, *(Thu 10)15:00*, *(Thu 07)18:20*, *s06-091*, *s07-003*, *s07-019*, *s07-089*, *s07-143*, *s20-043*
Mascaro, Lucia, *s02-041*
Mascia, Michele, *(Mon s11)17:20*, *s10-069*, *s18-001*, *s18-028*
Masiello, Fabio, *(Tue s01)15:00*
Masilionis, Ignas, *s10-080*
Masquelier, Christian, *(Thu 06)17:00*
Massa, Andrea, *s11-029*
Massaro, Giuseppe, *(Tue s13)16:40*
Matabosch Coromina, Helena, *s08-018*
Matanovic, Ivana, *(Tue s03)15:20*
Matera, Sebastian, *(Tue s16)15:40*
Matharu, Zimple, *(Mon s03)14:40*
Mathe, Mkhulu K., *(Tue s08)18:20*
Mathiesen, Nicolai, *(Mon s17)18:20*
Mathwig, Klaus, *(Mon s01)14:00*, *(Wed s02)09:30*
Matic, Aleksandar, *s08-010*
Matisen, Leonard, *(Fri 20)10:50*, *(Fri 20)11:10*, *s10-049*
Matsubara, Hiroshi, *s14-011*
Matsubara, Kouki, *s06-113*
Matsudaira, Masahki, *(Mon s01)14:40*
Matsue, Tomokazu, *(Mon s01)14:40*, *s02-057*
Matsumae, Kenji, *s12-003*
Matsumiya, Masahiko, *s20-057*
Matsumoto, Masashi, *s07-081*
Matsushima, Hisayoshi, *s07-009*
Matsuzawa, Koichi, *(Fri 07)09:50*, *s01-018*, *s07-081*, *s07-126*, *s07-136*, *s11-030*, *s12-003*
Mattarozzi, Luca, *(Thu 10)17:20*, *(Thu 10)17:40*
Mattelaer, Felix, *s06-082*
Matyszewska, Dorota, *(Thu 04)18:00*, *s04-013*
Maugé, D., *s03-051*
Maximilian, Grandi, *s07-138*
Maya-Cornejo, J., *s07-101*
Maye, Sunny, *(Fri 07)11:10*
Mayer, Matthew T., *(Fri 18)11:10*
Mayo, Martin, *s06-125*
Mayorova, Natalia, *s07-068*, *s15-005*
Mayrhofer, Karl J.J., *(Mon s07)17:00*, *(Tue s07)09:30*, *(Thu 10)14:20*, *(Thu 07)16:40*, *(Thu 07)18:00*, *(Fri 20)10:10*, *(Fri 07)11:30*, *s07-022*, *s07-063*, *s07-082*, *s07-090*, *s07-111*, *s07-113*, *s10-004*
Mazare, Anca, *s02-066*, *s06-054*, *s07-013*, *s10-009*, *s10-010*, *s10-063*, *s10-068*, *s18-033*
Mazetyte, Airina, *s10-080*
Mazur, Petr, *s07-037*, *s07-038*, *s07-041*
Mazurenko, Ievgen, *s03-007*
McCloskey, Bryan, *(Tue s01)14:00*
McDougald, Diane, *(Mon s13)18:20*
McGrath, Louise, *s06-057*
McKeown, Neil B., *s02-011*, *s02-032*, *s02-077*
McKerracher, Rachel, *s06-085*, *s06-126*
Meas, Yunny, *s20-032*
Mechler, Christoph, *s10-008*
Medeiros de Araujo, Danyelle, *(Tue s11)15:00*, *s11-028*
Medina, Danea, *s06-091*
Meinen, Rieke, *(Tue s07)18:20*
Meister, Paul, *s06-055*
Mekonnen, Yedilfana, *(Mon s17)18:20*
Melander, Marko, *(Mon s17)18:20*
Melchionna, Michele, *(Fri 10)10:10*
Melke, Julia, *(Wed s07)09:30*, *(Thu 07)15:20*, *s07-039*
Mellahi, Dhaouadi, *s11-047*
Melnikov, Alexey, *s16-019*
Membreno, D., *(Tue s06)14:20*
Mena, Vicente, *(Tue s13)18:20*
Mendez-Morales, Trinidad, *s06-026*
Mendil-Jakani, Hakima, *(Mon s06)17:40*
Mendoza, Carlos, *(Tue s14)18:20*
Mendoza, Maria Krisandra, *s07-001*, *s20-029*
Mendoza-Hernandez, Omar S., *s06-049*, *s06-066*, *s11-054*
Mendoza-Huízar, Luis Humberto, *s07-053*
Meneghello, Marta, *s03-047*
Menshchikov, Vladislav, *s07-057*
Mentizi, Stamo, *s11-052*
Mentré, Olivier, *(Thu 06)17:00*
Merdon, Christian, *s09-018*, *s20-007*
Merisalu, Maido, *(Fri 20)11:10*
Merla, Yuri, *(Thu 12)15:40*
Merrouch, Meriem, *(Thu 18)14:40*
Merzdorf, Thomas, *(Mon s07)09:30*
Mescheder, Ulrich, *s01-024*
Metangmo, Armelle, *s01-014*
Metelková, Radka, *s15-014*
Metkemeijer, Rudolf, *(Tue s07)09:50*
Meutzner, Falk, *(Fri 06)11:50*
Meyer, Dirk C., *(Fri 06)11:50*
Meynen, Vera, *(Thu 18)17:00*, *s10-100*, *s18-025*
Meynial-Salles, Isabelle, *(Mon s03)10:10*
Mezzavilla, Stefano, *s07-111*
Michaelis, Alexander, *(Thu 10)18:00*, *s01-003*
Michalak, Magdalena, *(Thu 02)15:20*
Michalska, Joanna, *s13-004*
Michaud, Pamela, *(Thu 20)14:00*
Michez, Roman, *s18-014*
Michler, Johann, *(Tue s14)17:40*, *s14-008*
Miguel, Fernando, *s10-048*
Mihali, Voichita, *s01-001*
Mika, Krystyna, *s10-052*
Milan, David, *(Thu 16)10:10*
Milbrat, Alexander, *s18-039*
Miller, John R., *(Tue s08)09:30*
Milshtein, Jarrod, *s07-042*
Milton, Ross, *(Tue s03)09:50*
Milutinovic, Milena, *(Tue s03)18:20*
Mimura, Hideyuki, *(Mon s06)18:00*
Minami, Ryoji, *(Tue s06)17:40*
Minamimoto, Hiro, *(Mon s15)15:40*, *s13-024*, *s16-042*
Mingers, Andrea M., *s10-004*

Minguzzi, Alessandro, *(Thu 10)15:40*, *s10-011*, *s16-014*
Minhová Macounová, Katerina, *s11-053*
Minteer, Shelley, *(Tue s03)09:50*, *s03-001*
Miranda-Castro, Rebeca, *(Mon s03)15:40*
Miranda-Ordieres, Arturo J., *(Mon s03)15:40*
Mirasoli, Mara, *(Fri 10)11:50*
Mironenko, Alexander, *s06-063*
Miroslavov, Veselin, *(Fri 07)10:50*
Mirsky, Vladimir M., *(Fri 02)10:50*
Mirzaei, Peyman, *(Thu 10)14:40*
Miserque, Frederic, *(Tue s13)14:40*
Mishra, Haritosh, *(Fri 13)11:50*
Missoni, Leandro, *(Wed s09)10:10*
Mistry, Hemma, *(Thu 18)16:40*, *(Thu 07)18:20*
Mitraka, Evangelia, *s08-003*
Mitrova, Biljana, *s03-048*
Mitsushima, Shigenori, *(Fri 07)09:50*, *s07-081*, *s07-126*, *s07-136*, *s11-030*, *s12-003*
Miyatake, Kenji, *s07-120*
Miyazaki, Kohei, *s06-090*
Mizaikoff, Boris, *(Tue s01)18:00*
Misin, Maksim, *(Tue s08)17:20*
Mladenov, Mladen, *s08-039*
Modestov, Alexander, *s07-028*
Modin, Oskar, *(Thu 05)10:30*
Möller, Sandra, *s07-019*
Moeller, Timmey, *(Thu 18)16:40*
Moguchikh, Yelizaveta, *s07-057*
Mohajernia, Shiva, *s10-009*, *s10-010*
Mohamedi, Mohamed, *s07-052*
Mohd Zawawi, Ruzniza, *s10-095*
Moitzheim, Sébastien, *(Wed s10)10:10*
Moldovan, Simona, *(Tue s07)17:40*
Molenaar, Sam, *s05-007*
Molenda, Marcin, *s06-004*
Molina, Angela, *s01-037*
Molina Concha, Belen, *(Tue s07)09:50*
Molina Osorio, Andrés, *s16-028*
Molls, Christoph, *(Tue s06)15:00*
Momiyama, Misayki, *s03-025*
Momma, Toshiyuki, *(Thu 06)16:40*
Momotenko, Dmitry, *(Tue s03)17:00*, *(Fri 02)11:50*
Monnin, Alexandra, *(Tue s14)17:20*
Monroe, Charles, *(Mon s17)10:30*
Monsalve, Karen, *s03-007*
Montañés, Maria Teresa, *s10-073*
Montemor, M. Fatima, *(Tue s13)17:20*, *(Wed s13)09:30*, *s08-025*, *s08-029*
Montes de Oca, María Guadalupe, *s20-033*
Montes, Isaac José Sánchez, *s20-048*
Montes, Iziar Begoña, *s05-004*
Monti, Gustavo, *s06-051*
Montiel, Vicente, *s01-020*
Montigny, Benedicte, *s06-103*
Montini, Tiziano, *s10-022*
Montoto, Elena, *s07-042*
Monyoncho, Evans, *s16-001*
Monzó, Javier, *(Thu 07)14:20*, *(Thu 10)15:40*, *s18-015*
Moon, Sang-Hyun, *s10-064*, *s10-065*
Moore, Jeffrey S., *(Thu 10)15:40*, *s07-042*
Mooste, Marek, *s10-049*
Moraes, Fernando C., *(Thu 20)18:00*, *s02-042*
Morais, Claudia, *s07-139*
Morais, Ruiter, *s01-021*, *s09-010*, *s20-053*
Morais, Vitória, *s11-041*
Moraleda, Inmaculada, *s20-040*
Morales, E., *s07-102*
Morales Hernandez, Dulce Maria, *s06-091*, *s07-143*
Morales-Acosta, Diana, *s07-115*, *s07-121*
Morallón, Emilia, *s01-040*, *s01-041*, *s10-053*
Morandi, Sara, *(Thu 10)15:40*, *s10-011*, *s16-014*
Morante, Joan Ramon, *(Fri 18)09:30*, *(Fri 18)10:10*, *(Fri 07)11:50*, *s11-039*
Morawietz, Tobias, *(Mon s07)14:40*
Moreau, Philippe, *(Thu 06)15:40*
Moretto, Ligia Maria, *s01-016*
Mori, Shogo, *(Thu 18)17:20*
Mori, Takuya, *(Fri 06)11:50*
Morimoto, Yu, *(Mon s17)15:00*
Morita, Hiroshi, *s07-103*
Morita, Masayuki, *(Mon s06)18:00*
Morita, Naoto, *(Fri 07)09:50*, *s11-030*
Morris, Andrew, *s06-125*
Mosa, Jadra, *(Mon s13)17:20*, *s06-050*, *s07-102*, *s13-001*
Moscoso, Raúl, *s10-101*
Moshtarikhah, S., *(Mon s11)09:50*
Mostany, Jorge, *s20-033*, *s20-062*
Motobayashi, Kenta, *(Tue s16)14:40*, *s16-033*, *s18-017*
Motoyama, Daisuke, *s15-023*
Moya, Antonio Angel, *s08-037*, *s11-007*
Mrlik, Jindrich, *s07-037*
Mubita, Tania, *s09-006*
Müller, Andre, *s06-047*
Müller, Claus, *s16-027*
Müller, Frank, *s03-005*
Mueller, Ruediger, *s09-021*, *s17-010*
Mugikura, Yoshihiro, *s07-103*
Muhammad, Hamida, *(Tue s15)09:30*
Muhler, Martin, *(Thu 07)18:20*, *s07-089*
Muhs, Anna, *s01-017*
Mujtaba, Ayesha, *s02-008*
Mukoyama, Daikichi, *(Thu 06)16:40*
Mukra, Tzah, *(Tue s06)14:00*
Mul, Guido, *s18-039*
Mulas, Andrea, *s15-015*
Mulder, Fokko M., *s06-107*
Muller-Bouvet, Diane, *(Fri 06)11:10*
Mundhenk, Jennifer, *s03-024*
Munguía-Galván, Silvia-Viridiana-Aideé, *s09-014*
Muñoz, Eduardo, *s03-034*, *s10-050*, *s10-097*
Muñoz, Josemari, *(Tue s14)18:00*
Muñoz, Martin, *(Tue s11)10:30*
Muñoz, Valentina, *s01-032*
Muñoz-Portero, Maria Jose, *s10-074*
Murakoshi, Kei, *(Mon s15)15:40*, *(Tue s16)18:20*, *s13-024*, *s16-042*
Murashko, Kirill, *s10-039*
Murata, Yoshiaki, *(Tue s06)17:40*
Murawska, Magdalena, *(Wed s03)10:10*
Murcia-López, Sebastián, *(Fri 18)09:30*
Murcio-Hernández, Saacnhitee, *s09-014*
Musgrove, Amanda, *(Mon s16)09:30*, *s03-028*
Musiani, Marco, *(Thu 10)17:20*, *(Thu 10)17:40*
Mussini, Patrizia, *(Mon s01)15:40*, *s01-001*
Muto, Marika, *s07-086*
Mutschke, Gerd, *s07-018*
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Previdello, Bruno A.F., *s20-046*
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Prezhdo, Oleg, *s18-012*
Prieto, Francisco, *(Wed s03)10:20*, *s16-048*
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Prodanovic, Predrag, *(Mon s13)15:20*
Prodi, Luca, *s15-037*
Proietto, Federica, *(Mon s11)17:00*
Prokop, Martin, *(Mon s11)14:40*, *s12-010*, *s20-059*
Proust, Anna, *s18-002*
Prugovecki, Stjepan, *(Tue s01)15:00*
Pryadchenko, Vasiliy, *s07-056*
Przygocki, Patryk, *s08-006*
Przygodda, Dennis, *s07-044*
Puga, Beatriz, *s13-011*
Pumera, Martin, *s02-050*
Pupo, Marilia, *s09-015*
Purdy, Geraldine M., *(Tue s07)14:20*
Puthiyapura, Vinod Kumar, *s07-105*, *s07-112*
Pyka, Philipp, *s07-047*
Pyrhönen, Juha, *s10-039*

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Qi, Wenjing, *s04-012*
Qi, Yunchuan, *(Fri 06)09:50*
Qian, Pengfei, *s08-019*
Qian, Shaoyi, *s07-042*
Qiao, Yu, *s16-040*
Qin, Zongyi, *s08-014*, *s08-015*, *s08-019*
Qu, Baihua, *(Fri 06)09:50*
Qu, Xi-Ming, *s10-006*
Qu, Yatian, *(Tue s09)09:30*
Quaino, Paola, *s16-052*
Quarez, Eric, *(Thu 06)15:40*
Quell, Thomas, *s11-052*
Quéniat, Gurvan, *(Fri 02)09:30*
Quezada, Diego, *s18-011*
Quinta-Ferreira, Rosa M., *s11-019*, *s11-020*
Quiroz, Marco Antonio, *s16-037*
Qvortrup, Katrine, *s03-012*

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Rabaey, Korneel, *(Wed s05)10:30*, *(Thu 05)10:10*, *s05-011*
Rabanca, Andreea, *s04-003*
Rabe, Martin, *s07-021*
Rachuri, Venkata Jagadeesh, *s02-071*
Raciukaitis, Gediminas, *s10-086*
Raczkowska, Adrianna, *s03-009*
Raddiar, Mahima, *(Fri 13)11:50*
Radu, Valentin, *(Tue s03)09:30*
Radzevic, Aneta, *s10-086*
Raël, Stéphane, *(Thu 12)16:00*
Rahemi, Vanoushe, *s10-100*
Raicheff, Raicho, *s08-039*
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Raju, Kumar, *(Tue s08)18:20*
Ramani, Vijay K., *s07-059*
Ramarli, Dunia, *s15-037*
Ramasamy, Parthiban, *s08-013*
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Ramezani Karimi, Raziyeh, *s02-058*
Ramírez-Álvarez, Elizeth, *(Mon s13)09:30*
Ramírez-Meneses, Esther, *s07-128*
Ramirez-Silva, Maria Teresa, *s01-022*, *s09-013*, *s20-062*
Ramos, Carlos, *(Wed s13)10:10*
Rampazzo, Enrico, *s15-037*
Randall, Phillipa, *s04-011*
Randon-Vitanova, Anna, *(Tue s06)15:20*
Ranjan, Chinmoy, *(Mon s07)09:50*
Rannou, Patrice, *(Mon s06)17:40*
Raphaël, Chattot, *(Tue s07)17:40*
Rapin, Christophe, *(Tue s11)14:20*
Rapino, Stefania, *(Thu 04)14:40*, *(Thu 04)18:20*, *(Fri 10)10:10*
Rapta, Peter, *s15-041*
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Ratner, Noga, *(Thu 02)14:40*
Ratso, Sander, *(Thu 07)15:20*
Rauwel, Protima, *(Thu 07)15:20*, *(Fri 20)10:50*, *(Fri 20)11:10*
Ravaine, S., *(Wed s03)10:10*
Ravnsbæk, Dorthe, *s06-012*
Rawlence, Michael, *(Mon s06)10:30*
Rayée, Quentin, *s14-012*
Raymakers, Leonard, *(Thu 12)17:40*
Razal, Joselito M., *(Tue s08)17:40*
Razzino, Claudia, *s02-027*
Recio, F. Javier, *s10-017*
Reculusa, Stéphane, *(Wed s03)10:10*, *(Thu 10)10:10*
Reda, Mateusz, *(Mon s17)15:40*
Redondo, Edurne, *(Mon s08)17:40*
Redondo Marugán, Jorge, *s20-009*
Rees, Neil, *s10-003*
Regier, Tom Z., *(Thu 07)16:40*
Reguero, Victor, *(Tue s08)18:00*, *(Thu 09)09:50*
Reier, Tobias, *(Mon s07)10:10*
Reimers, Jeffrey R., *(Mon s03)09:30*
Reinsberg, Philip, *(Mon s06)15:40*, *(Fri 06)10:50*, *s20-007*
Reisberg, Steeve, *(Mon s01)17:20*
Reisner, Erwin, *(Tue s03)09:30*
Ren, Bin, *s16-045*, *s16-046*
Ren, Dan, *(Thu 18)17:40*
Renault, Christophe, *(Thu 02)10:10*
Rendón-Enríquez, Ibeth, *s20-056*
Rennie, Anthony, *(Mon s08)16:40*, *s08-005*
Rensmo, Håkan, *(Thu 16)09:50*
Retoux, Richard, *(Tue s08)14:20*
Retsch, Markus, *(Tue s01)18:20*
Reuter, Karsten, *(Tue s16)15:40*, *s16-054*, *s17-009*
Reyes Jiménez, Antonia, *s06-056*
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Ribeiro, Francisco, *s16-018*
Ricardo, Venegas, *s10-017*
Rice, Scott A., *(Mon s13)18:20*
Richter-Landsberg, Christiane, *s04-026*
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Rinklin, Philipp, *(Tue s03)16:40*
Risch, Marcel, *(Thu 10)15:20*, *(Thu 07)16:40*
Risco, Carolina, *s11-008*
Risse, Sebastian, *s06-114*
Rivas, Gustavo A, *s02-001*
Rives, Bertrand, *s13-014*
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Rizzi, Gian Andrea, *s07-110*
Rizzo, Simona, *s01-001*
Roa-Morales, Gabriela, *s09-013*
Robert, Marc, *s18-010*
Robert, Rosa, *(Mon s06)09:50*, *s16-022*
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Robin, Raphael, *(Tue s13)09:30*
Robledo, Carla, *s06-052*
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Rocha Aveiro, Luci, *s02-044*
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Rocha-Filho, Romeu C., *(Tue s11)14:00*, *s01-025*, *s20-003*, *s20-050*
Roche, Jérome, *(Thu 10)10:10*
Roda, Aldo, *(Fri 10)11:50*
Rodes, Antonio, *(Mon s16)14:00*, *s16-002*
Rodner, Marius, *(Mon s08)15:00*
Rodrigo, Manuel Andres, *(Tue s11)10:30*, *(Tue s11)16:00(Tue s11)17:00*, *s05-003*, *s05-004*, *s11-008*, *s11-038*, *s11-042*, *s20-040*
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Rodriguez Lopez, Joaquin, *(Mon s16)10:30*, *(Thu 10)15:40*, *s07-042*, *s16-031*
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Rodriguez, Paramaconi, *(Thu 07)14:20*, *(Thu 10)15:40*, *s18-015*
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Rodríguez-García, Adrián, *s09-014*
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Rodriguez-Varela, Francisco-Javier, *s07-078*, *s07-115*, *s07-121*
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Rohr, Udo, *s01-026*
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Rojas, Camila, *s18-030*
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Roman, Javier, *s03-034*, *s10-050*, *s18-034*
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Ros, Carles, *(Fri 18)10:10*
Rosales, Mario, *s11-035*
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Ross, Natasha, *s06-025*
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Rossignol, Cecile, *(Mon s06)18:20*
Rossmeisl, Jan, *(Mon s17)14:00*, *(Mon s16)15:00*
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Roth, Christina, *(Wed s07)09:30*, *(Thu 07)15:20*, *s07-033*, *s07-039*
Rothenberg, Gadi, *(Thu 07)09:30*
Roubalik, Martin, *s11-031*
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Sánchez-Solís, Ana, *s12-009*
Sánchez-Tovar, Rita, *s10-060*, *s10-061*, *s10-066*, *s10-067*, *s10-073*, *s10-074*
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Sandberg, Robert, *(Tue s16)15:00*
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Santana Santos, Carla, *s20-017*
Santiago, Juan, *(Tue s09)09:30*
Santiago, Mariângela, *s09-010*
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Santos, Elisama, *(Tue s11)17:00*, *s11-038*
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Santos Pena, Jesus, *s06-103*
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Sanz, Laura, *s11-039*
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Sar, Taner, *s06-098*
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Saracco, Guido, *s18-004*
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Sarfraz, Adnan, *s07-021*
Sarkar, Biprajit, *(Mon s15)15:20*
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Sarodnik, Hannes, *(Mon s07)09:30*
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Sato, Hiroaki, *(Fri 10)11:30*
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Saucedo, Edgardo, *(Fri 18)10:10*
Saujet, Laure, *(Mon s03)10:10*
Savall, André, *s11-024*
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Saveleva, Viktoriia, *(Mon s07)18:20*, *(Wed s16)09:50*, *s07-144*
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Saw, En Ning, *(Mon s01)15:00*, *s02-072*
Sawaguchi, Yuki, *(Fri 07)09:50*, *s11-030*
Sawczak, M., *s08-036*
Sayed, Sayed Y., *(Thu 07)16:40*
Scanlon, Micheál D., *s16-028*
Schaetzle, Olivier, *(Tue s09)14:00*
Schafzahl, Lukas, *(Thu 06)18:20*
Schalenbach, Maximilian, *s07-022*
Schardt, Simon, *(Thu 06)15:20*, *s06-131*
Scharifker, Benjamin, *s20-062*
Scheiba, Frieder, *s07-039*
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Scheller, Frieder W., *s03-013*, *s03-045*, *s03-049*
Schennach, Robert, *(Thu 16)09:30*
Scherf, Ullrich, *s10-034*
Scherson, Daniel, *(Wed s10)10:30*
Scheuble, Dirk, *(Mon s07)14:20*
Scheurer, Christoph, *s17-009*
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Schiller, Carl-Albrecht, *(Mon s13)17:40*
Schimpf, Sabine, *s07-044*
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Schiøtz, Jakob, *(Mon s16)15:00*
Schleutker, Marco, *s06-136*
Schloegl, Robert, *(Mon s07)09:50*
Schmickler, Wolfgang, *s16-052*
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Schmidt, Thomas Justus, *(Tue s07)18:00*, *(Fri 07)11:50*, *s07-129*
Schmies, Henrike, *s07-059*
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Schneider, Jörg J., *s03-024*
Schneider, Michael, *s01-003*
Schneider, Rudolf, *s20-047*
Schneier, Dan, *(Mon s06)16:40*

Schnitker, Jan, *(Tue s03)16:40*
Schönleber, Konrad, *(Mon s13)09:30*, *(Tue s16)10:30*
Scholz, Fritz, *(Mon s17)16:00*
Schott, Pascal, *(Mon s07)14:00*
Schouten, J.C., *(Mon s11)09:50*
Schouten, Klaas Jan, *(Thu 18)14:00*
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Schütter, Christoph, *(Mon s08)14:40*
Schuhmann, Wolfgang, *(Mon s01)16:00*, *(Tue s03)10:10*, *(Tue s03)14:40*, *(Tue s03)15:40*, *(Thu 18)14:40*, *(Thu 10)15:00*, *(Thu 07)18:20*, *(Fri 20)09:30*, *s01-017*, *s01-045*, *s02-002*, *s02-030*, *s03-015*, *s03-017*, *s03-022*, *s03-050*, *s03-056*, *s03-059*, *s04-031*, *s06-091*, *s07-003*, *s07-019*, *s07-089*, *s07-143*, *s20-019*, *s20-043*
Schuler, Tobias, *(Thu 07)14:20*
Schulze, Patricia, *s07-097*
Schuppert, Anna K., *(Tue s07)14:00*, *(Tue s07)14:00*
Schwager, Patrick, *(Tue s01)15:20*
Schwarz, Björn, *s06-062*
Schwarzacher, Walther, *(Thu 16)10:10*
Schweinebarth, Hannah, *s06-017*
Schweinfurth, David, *(Mon s15)15:20*
Scialdone, Onofrio, *(Mon s11)17:00*, *s11-040*
Scott, Keith, *s07-004*
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Seca, Helga F., *s11-019*
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Seddon, James R. T., *s08-002*
Sedghi, Gita, *(Thu 16)10:10*
Sedgwick, Adam C., *(Tue s01)17:00*
Sedighi, Majeed, *s02-046*
Seidlmayer, Stefan, *(Tue s01)15:00*
Sek, Slawomir, *(Tue s03)17:40*
Seker, Erkin, *(Mon s03)14:40*
Sekli Belaïdi, Fadhila, *(Thu 04)17:20*
Selih, Vid Simon, *s10-015*
Sella, Catherine, *(Thu 04)17:40*, *s04-030*
Sellin, Annicka, *(Mon s11)10:30*
Selt, Maximilian, *s11-050*, *s11-052*
Selva, Thiago, *s20-010*
Semaan, Felipe, *s01-048*
Seno, Yoshiki, *(Wed s16)10:10*
Senokos, Evgeny, *(Tue s08)18:00*, *(Thu 09)09:50*
Sensi, Matteo, *(Mon s03)10:10*
Sentosun, Kadir, *(Thu 10)14:00*, *(Thu 10)17:00*
Seo, Hyunwoong, *s10-070*
Seo, Jeongwook, *s01-011*
Seppälä, Jukka, *s07-085*
Sepúlveda-Guzmán, Selene, *s18-013*
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Sereda, Olga, *s10-031*
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Serrà, Albert, *s07-118*, *s07-119*
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Serrapede, Mara, *(Mon s08)16:00*, *s16-049*
Seselj, Nedjeljko, *s10-019*
Seta, Ewelina, *s03-009*
Seuss, Sigrid, *s14-015*
Seviour, Thomas, *s02-007*
Seyeux, Antoine, *s06-075*
Seymour, Ian, *(Fri 02)10:10*
Sezen, Hikmet, *s16-043*
Seznec, Vincent, *(Thu 06)17:00*
Shafiee, Saiful Arifin Bin, *(Fri 20)11:30*
Shah, Imran, *(Fri 06)09:30*
Shahraei, Ali, *(Tue s07)15:20*, *s18-024*
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Sharman, Jonathan, *s02-036*
Sheikh, Khizar, *(Tue s03)09:30*
Shen, Chong-Heng, *s06-022*
Shen, Fei, *s03-027*
Shen, Hsiao-Hsuan, *(Tue s08)14:00*
Shen, Hsin-Hui, *s08-035*
Shen, Jing, *s15-029*, *s17-008*
Shen, Yuhua, *s02-080*, *s06-076*
Sheng, Tian, *(Thu 07)15:40*, *(Thu 20)17:20*, *s07-093*, *s07-133*, *s15-031*
Shi, Kang, *(Fri 13)10:10*
Shi, Xiaobo, *s08-044*
Shi, Yi, *(Fri 02)09:50*
Shiba, Shunsuke, *s01-046*
Shih, Bing-Yi, *s06-060*, *s08-026*
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Shima, Asuka, *s11-054*
Shimada, Hiroyuki, *s07-145*
Shimada, Iori, *s07-071*
Shimizu, Ryo, *s07-120*
Shimizu, Youichi, *(Tue s07)16:00*
Shin, Chee Burm, *s12-006*, *s12-008*
Shin, Haeun, *s11-003*, *s11-005*
Shin, Jeongyim, *s06-061*
Shin, Samuel Jaeho, *s14-013*, *s16-035*
Shin, Woonsup, *s04-021*
Shinde, Ganesh, *(Wed s06)09:50*
Shirai, Soichi, *s18-012*
Shiratani, Masaharu, *s10-070*
Shironita, Sayoko, *(Tue s13)18:00*, *s07-072*, *s11-054*
Shitanda, Isao, *(Tue s13)10:10*, *s03-025*, *s03-063*
Shkirskiy, Viacheslav, *(Mon s13)09:50*, *(Mon s13)14:20*
Shleev, Sergey, *s03-003*, *s03-015*, *s03-017*
Shmygleva, Lyubov, *s06-137*, *s06-138*
Shocron, Amit, *s09-004*
Shodiev, Muzaffar, *(Thu 03)09:50*
Shollock, Barbara, *s13-023*
Shou, Binan, *s13-019*
Shrestha, Buddha, *s07-082*, *s10-004*
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Shum, Andrew, *(Thu 07)14:00*
Sieber, Volker, *s18-026*
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Siepenkoetter, Till, *s03-010*
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Siimenson, Carolin, *s16-030*, *s16-041*
Siinor, Liis, *s16-030*
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Silva, Bianca Ferreira, *s20-048*
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Silva, José Ricardo, *s20-011*
Silva, Letícia, *s09-015*
Silva, Rejane, *s07-075*
Silva, Rosanny C., *(Tue s15)10:30*
Silva, Teresa María, *s08-025*
Silva, Thaissa Lucio, *(Tue s15)10:30*
Silva, Tiago, *s01-025*, *s02-026*, *s02-027*
Silveira, Dâmaris, *s04-027*
Silverberg, Gregory, *(Tue s09)14:40*
Simic, Nina, *(Mon s11)09:30*, *(Mon s11)10:30*, *s11-053*
Simillion, Hans, *(Tue s13)15:20*
Simka, Wojciech, *s13-004*
Simková, Ludmila, *s15-016*
Simon, Leijonmarck, *s06-017*
Simpson, Burton, *(Thu 10)15:40*, *s16-031*
Sin, Ion, *s14-002*
Sinev, Ilya, *(Thu 07)18:20*, *s07-089*
Singh, Deepak Pratap, *(Tue s01)14:40*
Singh, Dheeraj Kumar, *s10-071*
Singh, Yadvinder, *(Thu 07)15:00*
Single, Fabian, *s16-053*
Sinh, Le Hoang, *s07-085*
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Sinstein, Markus, *s16-054*
Siradini, Eirini, *s02-034*
Sirés, Ignacio, *(Tue s11)15:40*
Sirés, Ignasi, *s11-016*
Siuzdak, Katarzyna, *s08-036*
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Skládal, Petr, *s02-025*
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Skorupsky, Gregory, *s06-106*
Skrydstrup, Troels, *s18-010*
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Slavcheva, Evelina, *s07-005*, *s07-023*
Sleegers, Nick, *s01-027*, *s03-060*
Slesinski, Adam, *s08-020*
Sleutels, Tom, *(Wed s05)10:10*
Sliozberg, Kirill, *(Fri 20)09:30*
Sliusarenko, Oleksii, *s20-012*
Slugovc, Christian, *(Fri 06)10:10*
Smirnov, Evgeny, *s15-035*
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Smith, Graham T., *(Tue s07)10:10*
Smith, John, *s06-116*
Smith, Kyle, *(Wed s09)10:30*, *s07-042*
Smith, Raymond B., *(Thu 12)18:20*
Smith, Wilson, *s18-009*
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Snita, Dalimil, *s07-067*
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Socha, Robert, *s13-004*
Sode, Koji, *(Thu 04)16:40*
Sodeyama, Keitaro, *s06-113*
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Sönmez, Turgut, *(Thu 07)17:00*
Sojic, Neso, *(Tue s01)17:00*, *(Tue s03)18:20*, *(Thu 04)17:20*, *s02-053*
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Soldà, Alice, *(Thu 04)14:40*, *(Thu 04)18:20*
Sole, Christopher, *s06-079*
Soler-Vicedo, Miguel, *s07-114*
Soleymani, Leyla, *(Thu 02)09:30*
Solik, Milan, *s07-041*
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Soma Vesztergom, Tamas Pajkossy,, (Sun *25)14:20*
Sommariva, Marco, *(Tue s01)15:00*
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Song, Juhye, *s06-033*, *s06-105*
Song, Jun-Ho, *s06-011*
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Song, Yanyan, *s03-062*
Song, Yonggui, *s04-022*
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Sosnowska, Marta, *(Mon s03)17:00*
Sotiropoulos, Sotiris, *(Thu 20)16:40*, *s10-014*
Soucaille, Philippe, *(Mon s03)10:10*
Sougrati, Moulay Tahar, *(Tue s07)14:00*
Soukura, Masanori, *(Tue s13)10:10*
Souma, Kenichi, *(Tue s13)18:00*
Sousa, Camila, *s16-018*
Sousa, Nyccolas, *(Fri 07)11:10*
Souto, Ricardo M., *(Tue s13)18:20*
Sowa, Maciej, *s13-004*
Spallek, Markus J., *s13-005*
Spanos, Ioannis, *(Mon s07)09:50*
Sperling, Eva, *(Thu 18)15:40*
Spingler, Franz, *(Thu 07)14:20*
Spoeri, Camillo, *s07-024*
Spohr, Eckhard, *(Mon s17)15:20*
Spragg, Aurora, *(Tue s09)15:20*
Sprinzl, Georg, *s04-016*
Squella, Juan Arturo, *s10-101*
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Stadler, Hartmut, *(Tue s01)18:20*
Stamp, Lutz, *s11-045*
Stanbury, Matthew, *(Fri 18)10:50*
Stanislav, Fedotov, *(Fri 06)11:50*
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Stark, Robert, *(Tue s07)15:20*
Stefani, Frank, *s06-129*, *s06-130*
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Steinhauer, Miriam, *s06-064*
Steinke, Nina-Juliene, *(Tue s16)16:00*
Stellilng, Christian, *(Tue s01)18:20*
Stenina, Irina, *s06-104*
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Stepkowski, Tomasz, *(Mon s03)16:00*
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Stern, Christine, *s10-037*
Stevenson, Keith, *s06-013*
Steyskal, Eva-Maria, *s07-123*, *s16-032*
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Stimming, Ulrich, *(Wed s07)09:50*
Stockmann, T. Jane, *(Mon s15)10:10*
Stoerzinger, Kelsey, *(Thu 07)16:40*, *(Thu 07)17:20*
Stoica, Leonard, *(Tue s03)10:30*
Stojanovic, Ivan, *s13-026*
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Stoll, Thibaut, *s18-040*
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Stortini, Angela Maria, *s01-016*, *s02-074*
Stoyanova, Antonia, *s08-039*
Stradiotto, Nelson, *s20-035*
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Strasser, Peter, *(Mon s07)09:30*, *(Mon s07)10:10*, *(Tue s07)16:40*, *(Thu 18)16:40*, *(Thu 07)17:20*, *s07-024*, *s07-059*
Strauss, Steven H., *s15-042*
Streich, Daniel, *(Tue s06)18:00*
Strik, David, *(Thu 18)15:00*
Stroek, Wowa, *(Thu 07)09:30*
Strohmeier, Gernot A., *(Thu 06)17:20*
Strunz, Werner, *(Mon s13)17:40*
Struzik, Michal, *(Mon s06)10:30*
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Stutz, Guillermo, *s06-052*
Su, Chun-Hao, *s10-082*
Su, Haixia, *s10-021*
Su, Qiang, *(Mon s01)17:40*, *s03-042*
Su, Xiao, *(Wed s09)09:30*, *s09-019*
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Suda, Atsushi, *(Mon s01)14:40*
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Suganuma, Yoshitake, *(Wed s16)10:10*
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Sugimura, Fumiya, *(Tue s16)18:00*
Suiyama, Jun, *(Wed s16)10:10*
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Sun, Dennis, *s07-124*
Sun, Hui, *s10-021*
Sun, Juan-Juan, *s16-045*
Sun, Junliang, *s06-014*
Sun, Shi-Gang, *(Thu 07)15:40*, *(Thu 20)17:20*, *s06-022*, *s07-012*, *s07-093*, *s07-133*, *s10-006*, *s15-031*
Sun, Xiaofei, *s06-020*
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Sunami, Shodai, *s03-023*
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Suss, Matthew, *(Tue s09)18:20*, *s09-002*, *s09-004*
Sutter, Eliane, *(Tue s13)15:40*
Suzuki, Norihiro, *s03-063*
Suzuki, Shohei, *s20-054*
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Svens, Pontus, *s06-075*
Svir, Irina, *(Tue s03)17:20*, *s20-012*
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Tak, Yongsug, *s06-111*, *s07-109*
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Takahashi, Nobuhide, *s07-071*
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Tanami, Sota, *s10-070*
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Tanner, David, *s03-012*
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Tarnev, Tsvetan Hristov, *s03-059*
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Temmel, Sandra Elisabeth, *s07-129*
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Temple-Boyer, Pierre, *(Thu 04)17*:*20*
Tender, Leonard, *(Wed s05)09*:*30*
Tengstedt, Carl, *(Tue s06)10*:*10*, *s06-075*
Teodorescu, Florina, *(Fri 02)09*:*30*
Ter Heijne, Annemiek, *(Wed s05)10*:*10*
Terashima, Chiaki, *s03-063*
Terborg, L., *(Tue s06)14*:*20*
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Theleritis, Dimitrios, *(Mon s11)17*:*40*
Thiam, Abdoulaye, *s11-043*
Thiele, Simon, *(Mon s07)15*:*20*
Thomä, Marco, *(Fri 13)09*:*30*
Thomas, Anthony, *s06-067*
Thouin, Laurent, *(Thu 04)17*:*40*, *s04-030*
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Tian, Na, *(Thu 20)17*:*20*
Tian, Wenda, *(Wed s09)09*:*30*
Tian, Zhong-Qun, *(Mon s16)10*:*10*, *s18-008*
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Titirici, Maria-Magdalena, *s07-098*
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Toda, Takahiro, *(Mon s15)15*:*40*
Todoroki, Naoto, *s02-013*
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Togashi, Taknari, *(Fri 10)11*:*30*
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Tokur, Mahmud, *s06-002*, *s06-068*
Tolmachev, Yury, *s07-028*, *s17-012*
Tolosa, Aura, *s08-033*
Tomani, Per, *s06-017*
Tong, YuYe, *(Mon s16)15*:*20*, *(Tue s16)09*:*30*
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Torop, Janno, *s10-039*, *s10-040*
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Torres, Ricardo, *s11-044*
Torres-González, Julieta, *s09-014*
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Toscano, Miguel D., *s03-003*
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Toulc'Hoat, Joël, *s08-004*
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Tran, Chau Cam Hoang, *s08-040*, *s08-041*
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Tran, Mai, *(Tue s13)15*:*40*
Tran, Thi Bich Hue, *(Thu 07)14*:*40*
Trari, Mohamed, *s10-079*
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Trattner, Stephan, *(Mon s07)15*:*00*
Trellu, Clément, *(Tue s11)16*:*40*
Tremiliosi-Filho, Germano, *(Mon s16)15*:*40*, *(Tue s16)09*:*50*, *s20-046*
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Trettenhahn, Günter, *s10-035*
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Trinh, Tuan Ngoc, *s09-005*
Tripkovic, Vladimir, *(Mon s16)15*:*00*
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Trócoli, Rafael, *s20-021*
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Tsumura, Tomoki, *s06-141*
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Tucker, Michael, *(Thu 07)14*:*20*
Tudela, Ignacio, *(Mon s13)14*:*40*
Tübke, Jens, *(Wed s07)10*:*10*
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Tüysüz, Cengiz, *s10-077*
Tüysüz, Harun, *(Thu 07)10*:*10*
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Tverskoy, Vladimir, *(Thu 10)16*:*00*
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Uchida, Satoshi, *(Mon s08)14*:*20*
Uchida, Taro, *s16-033*
Uchidate, Michimasa, *(Fri 13)11*:*30*
Uchimoto, Yoshiharu, *(Fri 06)11*:*50*
Uebel, Matthias, *(Wed s13)10*:*30*
Ueno, Yuko, *s04-009*
Ugalde-Saldívar, Víctor-Manuel, *s15-028*
Ugo, Paolo, *s01-016*
Uhlemann, Margitta, *s07-018*
Uhlin, Anders, *s06-017*
Ui, Koichi, *s02-015*, *s06-088*, *s07-104*
Ulgut, Burak, *s12-012*
Ulissi, Ulderico, *(Thu 06)09*:*50*, *s06-069*
Ulker, Emine, *s07-015*
Ulstrup, Jens, *(Mon s03)09*:*30*, *(Thu 16)10*:*10*, *s03-012*, *s03-014*, *s10-019*, *s10-090*
Umeda, Minoru, *(Tue s13)18*:*00*, *s06-049*, *s07-072*, *s11-054*
Umukoro, Eseoghene, *s11-055*
Unal, Asuman, *(Tue s08)16*:*00*, *(Thu 10)14*:*00*
Ungeheuer, Jürgen, *(Thu 12)15*:*20*
Ungureanu, Eleonora-Mihaela, *s01-050*, *s15-020*
Unwin, Patrick, *(Mon s15)14*:*00*, *(Tue s14)15*:*00*, *(Tue s03)17*:*00*, *(Fri 02)11*:*50*, *s03-046*, *s13-023*, *s16-025*, *s16-039*, *s17-013*
Uosaki, Kohei, *(Mon s16)18*:*20*, *(Tue s07)15*:*40*
Upadhyay, Kush, *s08-029*
Urbakh, Michael, *(Mon s17)10*:*10*
Uribe-Godínez, Jorge, *s07-125*, *s07-131*
Urlacher, Vlada, *s03-045*
Urquiza, Laura, *s06-041*, *s06-042*
Ustarroz, Jon, *(Tue s14)15*:*00*, *(Thu 10)14*:*00*, *(Thu 10)17*:*00*, *s14-010*, *s20-061*
Utagawa, Masahiro, *s06-059*
Uyama, Masao, *s13-015*
Uysal, Mehmet, *s06-002*

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Vaalma, Christoph, *(Mon s06)15*:*20*, *(Tue s06)17*:*20*, *s06-097*
Vaca Chávez, Fabián, *s06-051*

Vacca, Annalisa, *s18-001*, *s18-028*
Vajrala, Venkata S.R., *(Thu 04)17:20*
Vakros, John, *s11-025*
Valcarce, Beatriz, *(Tue s13)09:50*, *s13-017*
Valdinger, Ido, *(Thu 20)15:40*
Valenti, Giovanni, *(Fri 10)10:10*, *(Fri 10)11:50*, *s10-022*, *s15-030*, *s15-037*
Valentinuzzi, María Cecilia, *s06-051*
Valiokas, Ramunas, *s10-080*
Vallés, Elisa, *s02-031*, *s07-118*, *s07-119*, *s10-046*
Valvo, Mario, *(Wed s06)09:30*
Van Bael, Marlies, *s06-082*
van Bennekom, Joosje, *(Wed s19)09:50*
van de Sanden, Richard, *s02-061*, *s17-014*
Van de Wiele, Tom, *(Wed s05)10:30*
van Deelen, Joop, *(Thu 10)16:40*
van den Berg, Albert, *(Mon s01)18:00*, *s02-056*
van den Brink, Floris, *(Mon s01)18:00*
van den Ham, Evert Jonathan, *s06-082*
Van den Steen, Nils, *(Tue s13)15:20*
van der Ham, Koen, *s15-039*
van der Meer, Margarethe, *(Mon s15)15:20*
van der Plas, Martijn, *s15-026*
van der Schaaf, J., *(Mon s11)09:50*
van der Vliet, Dennis, *(Thu 07)14:20*
van der Waal, Jan Kees, *(Thu 18)14:00*
van der Wal, Albert, *(Tue s09)16:00*, *s09-006*
Van Dijk, Nick, *(Mon s07)16:40*
Van Durme, Filip, *s03-060*
van Erkel, Joost, *s11-013*
van Holt, Desiree, *s06-019*
Van Hullebusch, Eric, *(Tue s11)16:40*, *s09-012*
Van Laethem, Dries, *s07-069*
van Santen, Rutger, *s17-014*
Vanamo, Ulriika, *s01-012*
Vanbroekhoven, Karolien, *(Thu 18)15:00*, *s18-027*
Vancso, Julius, *s02-056*
Vankelecom, Ivo, *(Thu 07)17:40*
Vannikov, Anatoly, *(Thu 10)16:00*, *s10-033*
Vanrenterghem, Bart, *s15-036*, *s20-036*
Vanrompay, Hans, *(Thu 10)14:00*, *(Thu 10)17:00*
Varanda, Laudemir C., *(Thu 07)17:40*
Varela, Ana Sofia, *(Thu 18)16:40*
Varela, Hamilton, *s16-021*, *s20-046*
Varela, Luis M., *s06-026*
Varenne, Anne, *s04-029*
Varga, Aron, *s07-097*
Varini, Maria, *s06-070*
Varnell, Jason, *(Mon s16)16:40*
Varzi, Alberto, *(Thu 06)09:50*
Vasile, Eugeniu, *(Thu 10)15:00*
Vasileiadis, Alexandros, *(Thu 12)18:20*, *s06-016*
Vasilescu, Cora, *s13-013*
Vaskevich, Alexander, *(Fri 10)11:10*
Vayenas, Constantinos, *(Mon s11)17:40*, *s07-100*, *s11-025*
Vaz, Boniek Gontijo, *s01-053*, *s04-028*
Vázquez-Galván, Javier, *(Fri 07)11:50*, *s11-039*
Vecitis, Chad, *(Tue s09)14:40*
Vegge, Tejs, *(Mon s17)15:40*, *(Mon s17)18:20*
Vejar, Nelson, *s13-022*
Vela-Diago, Bellatrix, *s10-074*
Velazco, Nancy, *s05-010*
Velazquez-Palenzuela, Amado, *(Mon s16)15:00*
Vélez, David, *(Tue s14)18:00*
Vélez, J.F., *s06-050*
Velez, Marisela, *(Mon s03)10:30*
Vélez, Patricio, *s06-042*
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Ventosa, Edgar, *(Thu 10)15:00*, *s06-091*, *s07-003*
Verbickas, Rolandas, *(Mon s13)14:40*
Vereecken, Philippe M., *(Wed s10)10:10*
Verhoeven, Harrie, *(Thu 02)10:10*
Verhulst, Kristof, *s11-032*
Verlato, Enrico, *(Thu 10)17:20*, *(Thu 10)17:40*
Verliefde, Arne, *(Thu 09)09:30*
Vertova, Alberto, *s10-011*, *s16-014*
Vervecken, Robbe, *(Thu 18)17:00*, *s18-025*
Vesely, Martin, *(Tue s11)10:10*
Vessières, Anne, *(Thu 04)17:40*
Vesztergom, Soma, *s16-027*
Vezzoli, Andrea, *(Thu 16)10:10*
Vicari, Fabrizio, *(Mon s11)17:00*, *s11-040*
Vicentini, Fernando, *s02-020*, *s02-026*
Vidal, Jorge, *s11-044*
Vidal, Lorena, *s01-040*, *s01-041*
Vidal-Iglesias, Francisco Jose, *s01-019*, *s01-020*, *s18-015*
Vieira de Melo, Jailson, *s11-022*
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Vigier, Karine, *(Thu 20)14:00*, *s18-003*
Vijayshankar, Dandapani, *(Tue s13)17:40*
Viktor, Hacker, *s07-138*
Vila, Neus, *(Thu 02)18:00*, *(Fri 10)11:30*, *s02-033*, *s11-056*
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Vilatela, Juan Jose, *(Tue s08)18:00*
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Villani, Elena, *s15-037*
Villaseñor, Jose, *s11-008*
Villevieille, Claire, *(Thu 06)10:10*
Villullas, Hebe de las Mercedes, *s07-073*, *s07-132*
Vimalanandan, Ashokanand, *(Wed s13)10:30*
Vinke, Izaak C., *(Mon s16)14:20*
Virtanen, Sannakaisa, *(Mon s13)16:40*, *s14-017*, *s20-034*
Vis, Mark, *s16-020*
Visan, Teodor, *s14-002*, *s14-003*
Vittal, R., *s12-005*
Vivancos-Ramón, María Victoria, *s20-009*
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Vizintin, Alen, *(Mon s06)17:00*
Vlachopoulos, Nick, *(Thu 10)17:40*
Vlaic, Codruta, *s16-024*
Vlap, Harm, *(Thu 12)17:40*
Vogelsang, Jörg, *(Mon s13)17:40*
Vogt, Stephan, *s03-042*
Vojtesek, Borivoj, *(Thu 04)15:20*
Vojtisek, Pavel, *(Mon s15)16:00*
Volgin, Vladimir, *s20-039*, *s20-041*, *s20-042*
Volkov, Anton, *s08-003*
Volochaev, Vadim, *s07-056*, *s07-057*
Volovitch, Polina, *(Mon s13)09:50*, *(Mon s13)14:20*
Von Eschwege, Karel G., *s20-044*
von Srbik, Marie-Therese, *(Thu 12)15:40*
Vondrák, Jirí, *s06-032*
Vorotyntsev, Mikhail, *(Thu 10)14:40*, *s07-027*, *s07-028*, *s07-034*, *s10-031*, *s10-032*, *s10-037*, *s15-010*, *s17-012*
Vos, Jan, *(Mon s16)15:40*, *s16-015*
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Vrana, Jiri, *s07-037*, *s07-038*, *s07-041*
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Vunder, Veiko, *s10-039*
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Vyskocil, Vlastimil, *(Mon s03)17:20*, *s03-055*
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Wagemaker, Marnix, *(Thu 12)18:20*, *s06-016*, *s06-071*, *s06-139*
Wagener, Philipp, *s10-008*
Wagener, Victoria, *s14-017*
Wagner, Guntram, *(Fri 13)09:30*
Wagner, Maximilian, *s07-097*
Wagner, Michal, *s03-012*
Wagner, Norbert, *s06-089*, *s06-114*, *s18-020*
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Walcarius, Alain, *(Tue s01)09:50*, *(Thu 02)18:00*, *(Fri 10)11:30*, *s02-033*, *s11-056*
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Walsh, Darren A., *s08-018*
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Wan, Li-Jun, *s07-079*
Wang, Bin, *s02-075*
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Wang, Chen, *(Fri 02)09:50*
Wang, Chieh-Jen, *s04-024*
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Wang, George, *s11-046*
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Wang, Hsiao-Keng, *(Fri 13)10:50*
Wang, Jiangwei, *s13-018*
Wang, Jiazhao, *s06-086*
Wang, Joseph, *s01-040*, *s03-060*
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Wang, Miao, *(Tue s09)10:30*

Wang, Pei, *s07-134*
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Wang, Qi, *s06-022*
Wang, Tanyuan, *s02-005*
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Wang, Xiang, *s16-046*
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Wang, Youling, *s07-052*
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Wang, Zhaohui, *s06-072*, *s08-022*
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Ward, Meryck, *s10-102*
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Wasinski, Krzysztof, *s06-128*, *s08-011*
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Watanabe, Taku, *(Thu 06)09:50*
Wattanakit, Chularat, *(Mon s01)15:20*
Weber, Adam, *(Thu 07)14:00*, *(Thu 07)14:20*
Weber, James, *(Thu 07)14:00*
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Wedlich, Klaus, *s06-028*
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Whitby, Samuel A. I., *s02-006*
Whitesides, George, *(Mon s21)08:15*
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Wiedemann, Martin, *(Mon s08)17:20*
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Wildlock, Mats, *(Mon s11)10:30*
Wilkening, Martin, *(Mon s06)09:30*
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Wittmaier, Dennis, *s06-089*
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Wong, Ademar, *s02-026*, *s02-027*
Wongsawa, Thidarat, *s02-015*
Woo, Tom, *s16-001*
Wood, Vanessa, *(Thu 06)14:00*
Wouters, Emlyn, *s20-036*
Wreland Lindström, Rakel, *s06-075*
Wu, Billy, *(Thu 12)15:40*
Wu, Ching-Chou, *s04-024*
Wu, Chumeng, *s07-136*
Wu, Congping, *s07-094*
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Wu, Jianbo, *s06-023*, *s18-038*
Wu, Jinping, *s06-030*, *s06-045*
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Wu, Sheng-Hui, *s02-047*
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Xu, Guobao, *s04-012*
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Xu, Huiying, *s01-036*
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Xu, Yaolin, *s06-107*
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Xu, Yue, *s08-023*
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Yamada, Norifumi, *(Wed s16)10:10*
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Yamamoto, Masahiro, *s20-005*
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Yan, Jia-Wei, *(Thu 16)10:10*
Yan, Ning, *(Thu 07)09:30*
Yan, Peng, *s08-024*
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Yang, Cheng-Hsien, *s14-006*, *s14-014*
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Yang, Jingshuai, *s10-076*
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Yang, Junghoon, *s06-061*
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Yang, Liuqing, *(Tue s06)18:20*, *(Fri 06)09:50*
Yang, Quan-Hong, *s08-023*
Yang, Sainan, *s08-024*
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Yang, Ting, *s06-132*
Yang, Xuegeng, *s07-018*
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Yano, Jun, *s10-028*
Yanson, Alexei, *(Fri 13)11:10*
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Yarman, Aysu, *s03-013*, *s03-045*
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Yasa, Ihsan, *s20-016*
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Ye, Niya, *s10-076*
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Yoon, Hyungook, *s06-083*
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Yoshinari, Takahiro, *(Fri 06)11:50*
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Yu, Jihyun, *s09-009*
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Yu, Song, *s18-008*
Yu, Yang, *(Tue s13)18:00*
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Yule, Lewis, *s13-023*
Yum, Seungjib, *s07-088*
Yun, Jeongse, *s16-035*
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Yushin, Gleb, *(Mon s06)16:00*
Yutthalekha, Thittaya, *(Mon s01)15:20*

Z

Zacarias, Sonia, *(Mon s03)10:30*
Zacharias, Robert, *(Thu 12)17:20*, *s07-138*
Zafarani, Hamid Reza, *(Thu 02)15:00*
Zafeiratos, Spyridon, *(Mon s07)18:20*, *(Wed s16)09:50*
Zafeiropoulos, Georgios, *s18-041*
Zagal, Jose H., *s10-017*, *s15-038*
Zagoraiou, Eirini, *s07-107*
Zaidi, Syed Zohaib Javaid, *s20-058*
Zaino Jr., Lawrence, *(Wed s02)10:10*
Zakaria, Siti N.A., *s16-050*
Zakharova, Galina S., *s03-008*
Zakroczymski, Tadeusz, *s07-008*
Zaleski, Christopher, *(Tue s14)16:00*
Zalibera, Michal, *s15-042*
Zamburlini, Eleonora, *(Tue s07)17:20*
Zamora, Hector, *(Mon s11)14:40*
Zamora, Patricia, *s05-009*
Zamudio-Torres, Ildefonso, *s20-032*
Zan, Lingxing, *s06-108*, *s16-036*
Zana, Alessandro, *(Tue s07)10:30*
Zanata, Cinthia Rodrigues, *s16-008*
Zandbergen, Henny, *(Tue s01)14:40*
Zang, Dejin, *s10-025*, *s10-057*
Zangheri, Martina, *(Fri 10)11:50*
Zanoni, Maria Valnice Boldrin, *s02-060*, *s18-007*
Zaraska, Leszek, *(Fri 10)09:50*, *s10-051*, *s10-052*
Zarazúa, Isaac, *s12-009*
Zausch, Jochen, *(Thu 12)18:00*
Zeiger, Marco, *(Mon s08)15:00*, *s08-033*
Zelenay, Piotr, *(Tue s07)14:20*
Zelger, Christian, *s07-048*
Zeng, Cheng-Chu, *s15-013*
Zeng, Qiang, *(Thu 16)10:10*
Zeng, Zhi-Cong, *s16-046*
Zeng, Zhigang, *s08-044*
Zenyuk, Iryna, *(Thu 07)14:00*
Zeradjanin, Aleksandar, *(Mon s07)17:00*, *s07-082*, *s07-111*
Zerbetto, Francesco, *(Thu 04)14:40*
Zerbino, Jorge O., *s13-006*, *s16-051*
Zerdoumi, Ridha, *s10-053*, *s11-047*
Zeron, Paulino, *s15-028*
Zhan, Dongping, *(Thu 02)16:00*
Zhang, Bin-Wei, *s10-006*
Zhang, Ce, *(Thu 06)15:00*, *(Fri 06)09:50*
Zhang, Dengji, *s10-076*
Zhang, Dewen, *(Mon s03)17:40*
Zhang, Dongming, *s02-062*, *s02-073*, *s02-075*
Zhang, Fangting, *(Mon s03)17:40*
Zhang, Guang, *(Fri 06)09:50*
Zhang, Hui, *(Thu 06)15:00*, *(Fri 06)09:50*
Zhang, Huijie, *(Mon s01)15:00*
Zhang, Jianrong, *s03-061*, *s03-064*
Zhang, Jiaurui, *(Mon s16)10:30*
Zhang, Jie, *(Fri 18)11:50*, *s01-002*, *s01-008*, *s04-004*, *s13-018*, *s17-013*, *s18-021*
Zhang, Jifu, *s13-007*
Zhang, Jinbao, *(Thu 10)17:40*
Zhang, Jingdong, *(Mon s03)09:30*, *s03-012*, *s03-014*, *s03-027*, *s10-019*
Zhang, Kaihuan, *s02-056*
Zhang, Lin, *s02-033*, *s11-056*
Zhang, Ling, *s03-014*
Zhang, Minwei, *(Wed s02)09:50*, *(Fri 10)11:50*, *s18-035*
Zhang, Mo, *s18-029*
Zhang, Qinghong, *s12-013*
Zhang, Ruirui, *(Thu 07)15:40*
Zhang, Tao, *(Mon s13)18:00*, *(Mon s01)18:00*, *s04-032*
Zhang, Teng, *(Fri 06)10:50*
Zhang, Xiaolong, *(Mon s13)10:10*
Zhang, Xin, *s10-021*
Zhang, Xinxiang, *(Mon s03)17:40*
Zhang, Xinyi, *s14-005*
Zhang, Xiong, *s08-031*
Zhang, Xueqing, *s17-014*
Zhang, Yanjun, *s01-017*
Zhang, Yi, *(Mon s13)14:40*
Zhang, Ying, *(Fri 18)11:50*, *s14-001*
Zhang, Yucheng, *s14-008*
Zhang, Zhengwei, *s06-020*
Zhao, Bo, *s13-019*
Zhao, Chuan, *s07-002*
Zhao, Fangyuan, *(Tue s03)10:10*
Zhao, Lili, *(Tue s01)17:40*
Zhao, Ran, *(Tue s09)10:30*
Zhao, Shu-Feng, *s18-021*
Zhao, Sijie, *s06-114*
Zhao, Wei-Wei, *s01-030*
Zhao, Xia, *(Mon s13)10:30*
Zhao, Yan, *(Thu 12)15:40*
Zhao, Yi-Ming, *s03-039*
Zheludkevich, Mikhail L., *(Mon s13)18:00*, *(Tue s13)17:20*
Zheng, Xiaoyu, *s08-023*
Zheng, Xuan, *(Fri 13)10:10*
Zheng, Yong-Li, *(Mon s16)17:40*
Zhong, Jin-Hui, *s16-046*
Zhong, Lijie, *(Tue s07)14:40*
Zhou, Chenggang, *s06-030*, *s06-045*
Zhou, Minghua, *(Tue s11)18:00*
Zhou, Nan, *s06-116*
Zhou, Yinglin, *(Mon s03)17:40*
Zhou, Zhengyang, *s06-014*
Zhou, Zhi-You, *(Thu 20)17:20*, *s07-133*, *s15-031*
Zhu, Enhua, *s04-014*
Zhu, Jun, *s15-031*
Zhu, Junjie, *s03-061*, *s03-064*
Zhu, Lei, *(Mon s17)17:40*
Zhu, Lina, *s01-036*
Zhu, Qingjun, *s13-008*
Zhu, Tao, *(Tue s14)15:20*
Zhu, Xinhua, *s06-078*
Zhumaev, Ulmas E., *(Wed s16)10:30*
Zigah, Dodzi, *(Thu 10)10:10*, *(Thu 04)17:20*
Ziganshina, Endzhe, *s01-031*
Zimmermann, Roman-David, *s11-045*
Zinovyeva, Veronika, *(Thu 20)15:20*
Zitolo, Andrea, *(Tue s07)14:00*
Ziyatdinova, Guzel, *s01-031*, *s01-051*
Zlotea, Claudia, *(Thu 10)14:40*, *s10-056*
Zollo, Giuseppe, *s15-002*
Zornitta, Rafael, *s09-008*
Zou, Jianli, *s06-079*
Zou, Qianwen, *(Mon s08)17:20*
Zou, Xiaodong, *s06-014*
Zou, Zhigang, *s07-094*
Zouni, Athina, *s03-006*
Zozoulenko, Igor V., *s08-003*
Zschornak, Matthias, *(Fri 06)11:50*
Zukauskas, Airidas, *s10-086*
Zúñiga, César, *s10-017*
Zwierkowska, Elzbieta, *s03-058*

The International Society of Electrochemistry

The International Society of Electrochemistry (ISE) was founded in 1949 by leading European and American electrochemists to serve the growing needs of electrochemistry. At that time only a handful of scientists were members of the society – known as CITCE (Comité International de Thermodynamique et Cinétique Electrochimiques). Since then ISE has evolved and comprises now more than 3500 individual members, from 75 countries, and is organized in 44 Regional Sections. Both industrialised and developing countries from all five continents are represented. ISE is, therefore, a truly world-wide organisation. ISE is a non-profit-making organisation with its seat in Lausanne, Switzerland.

The International Society of Electrochemistry (ISE) is devoted to the advancement of electrochemical science and technology through the promotion of international contacts and the dissemination of scientific knowledge. For this ISE organises Annual and Topical Meetings which are held in different countries each year and which cover a wide range of current topics in fundamental and applied electrochemistry. The activities of ISE include the sponsoring of regional meetings, and of special meetings of limited participation devoted to particular subjects. A scientific journal, Electrochimica Acta, is edited by ISE and supplied to its members at a special rate. Individuals, non-profit organisations, industrial companies and learned societies may become members of ISE. The administration of ISE is done by an Executive Committee, periodically elected by all members. The Regional Representatives together with the Division Officers form the ISE Council which advises the Executive Committee. The scientific activities of ISE are grouped into Scientific Divisions. They are organised and co-ordinated by the Committee of Division Officers headed by the President Elect. Upon joining ISE each member indicates his/her divisional interests.

The history of the International Society of Electrochemistry (ISE) is described in a series of articles published in Volume 45 of Electrochimica Acta and available on the web site of the Society (http://www.ise-online.org/geninfo/history.php).

Why you should join ISE

ISE membership provides a number of advantages which can be summarized as follows:

- Individual members can get reduced subscription rates for the following journals:
  Electrochimica Acta,
  Journal of Electroanalytical Chemistry,
  Electrochemistry Communications,
  Bioelectrochemistry,
  Journal of Power Sources,
  Journal of Applied Electrochemistry,
  Electrocatalysis,
  Journal of Solid State Electrochemistry for personal use.
  There is a also a **Discounted Package** available consisting of the Journal of Electroanalytical Chemistry, Electrochemistry Communications, and Bioelectrochemistry (online).
- Reduced registration fees at ISE Meetings
- Access to the "members restricted area" of the ISE website
- Access to the full membership directory with all members addresses

How to become an ISE member

Becoming an ISE member is simple: you will find a Membership Application Form on the Society web site (at the address: http://members.ise-online.org/members/new_members.php), which you can fill in and submit online. In the application form you will have to select up to three Divisions and indicate two sponsoring ISE members. Should it be difficult for you finding these sponsors, please write to the Executive Secretary of the Society Dr. M. Musiani, e-mail: m.musiani@ieni.cnr.it.

Membership fees

Individual yearly membership fees are 45 EUR for members above 30 years of age, and 15 EUR for members of age 30 or less and for Emeritus members.

ISE Organization

Executive Committee

The Executive Committee is entrusted with the management of the Society.

ISE Office

The ISE Office performs all administrative tasks related to the operation of the Society. It is located in Switzerland, and managed by an Executive Secretary.
The ISE Office serves as the primary contact for members and non-members.

Division Officers

The scientific activities of ISE are grouped into seven Scientific Divisions and a New Topics Committee. The divisions are headed by a Chairperson assisted by a Past Chair, a Chair Elect and two Vice Chairs. Their role is to promote and represent the scientific interests of the division and its members, for example through contributing to the organization of Annual, Topical and other Society meetings.

Regional Representatives

In each country or group of countries having fifteen members or more, a national or regional section of ISE may be formed. Each section has a Regional Representative.

Council

The ISE Council is an Advisory Body. The voting members of the Council consist of three Officers from each Division and all the Regional Representatives. All persons constituing the Council are elected by the members of the Society.

Scientific Meetings Committee

The Scientific Meetings Committee plans and oversees the organization and sponsorship of scientific meetings within the broad field of electrochemistry.

Fellows Nominating Committee

The Fellows Nominating Committee is a standing committee which proposes names to the Executive Committee for the title of ISE Fellow. It is also responsible for identifying candidates for honorary membership.

Publications Committee

The Publication Committee, a standing committee of ISE, acts as an advisory board to the Executive Committee on publication matters.

ISE Executive Committee

President

Christian Amatore, Paris, France (2015-2016)
Representation of ISE. Chairperson of Executive Committee, Council and General Assembly

President Elect

Philip N. Bartlett, Southampton (2015-2016)
Chairperson of Committee of Division Officers. Coordination of scientific program of future Annual Meetings, supervision of Division Officers' activities

Immediate Past President

Hasuck Kim, Seoul, Korea (2015-2016)
Chairperson of Executive Committee in the absence of the President

Vice Presidents

Plamen Atanassov, Albuquerque, NM, USA (2015-2017)
Responsible for Corporate and Corporate Sustaining Members

Katharina Krischer, München, Germany (2015-2017)
Responsible for Educational Activities in ISE

Tomokazu Matsue, Sendai, Japan (2016-2018)
Responsible for relations with other Societies

Yunny Meas, CIDETEQ, Querétaro, Mexico (2014-2016)
Responsible for Regional Sections

Secretary General

Manuela Rueda (2015-2017)
General tasks
Ensuring continuity and efficiency of scientific policy. Coordination of tasks of Vice Presidents. Identification of new developments in electrochemistry and possible new scientific and nonscientific activities. Scientific matters not handled by the President or President Elect.
Tasks in collaboration with ISE Office
Ensuring that constitution, bylaws, guidelines, schedules etc. are observed. Preparation of Annual Reports. Collection of information for newsletters and coordination of actions.
Annual and Topical ISE Meetings
Coordination of Meetings (location, time, topics). Representative of Executive Committee and advisor to Local Organising Committees for nonscientific matters (location, facilities, control of financial planning, schedule, publicity).

Treasurer

Bernard Tribollet, Paris, France (2014-2016)
Responsible for the administration and the management of the assets and property of the Society, preparation of budgets and financial reports, financial planning, investment policy, supervision of financial matters of Annual and Topical ISE Meetings.

Executive Secretary

Marco Musiani, Padova, Italy (2014-2018)
Responsible for maintaining the ISE calendar, assisting with organizing the business and financial arrangements for Annual and Topical Meetings, organising committee appointments, assisting the Secretary General with Society elections, recruiting new members, and co-ordinating Executive Committee meetings. Drafts ISE documents, acts as web page editor, maintains ISE archives and records, and serves as the contact person for members (particularly at ISE meetings).

Scientific Divisions of ISE

Division 1 – ANALYTICAL ELECTROCHEMISTRY

Experimental and theoretical aspects of the analytical process in which electrochemistry has a role, including sample collection / processing, separation, and species identification and quantitation.
Chair: F. Bedioui, Past Chair: A. Downard, Chair Elect: D. Mandler, Vice-Chairs: P. Baker and J. Pingarron

Division 2 – BIOELECTROCHEMISTRY

Aspects of electrochemistry and electroanalysis characterizing biological processes at the molecular level and relevant to the mechanisms of biological regulation of cells.
Chair: R. Bilewicz, Past Chair: A. Kuhn, Chair Elect: F. Lisdat, Vice-Chairs: D. Arrigan and E. Lojou

Division 3 – ELECTROCHEMICAL ENERGY CONVERSION AND STORAGE

Experimental and theoretical aspects of electrochemistry in which the goal is the interconversion of energy between different forms or the storage of energy, including the processes themselves and materials used for these purposes.
Chair: S. Passerini, Past Chair: D. Jones, Chair Elect: R. Kostecki, Vice-Chairs: F. Soavi and H. Uchida

Division 4 – ELECTROCHEMICAL MATERIALS SCIENCE

Aspects of materials science in which electrochemistry is part of the synthesis, processing, surface treatment, corrosion, characterization or modeling of new or existing materials, or in which electrochemistry is the user of such materials.
Chair: Chair: S. Brankovic, Past Chair: M. Ryan, Chair Elect: G. Zangari, Vice-Chairs: N. Birbilis and M. Vorotyntsev

Division 5 – ELECTROCHEMICAL PROCESS ENGINEERING AND TECHNOLOGY

Experimental and theoretical aspects and applications of electrochemistry in which engineering issues play a significant role, including scale-up and reactor design.
Chair: J. Peralta-Hernandez, Past Chair: F. Lapicque, Chair Elect: K. Bouzek, Vice-Chairs: S. Mitsushima and M. Rodrigo

Division 6 – MOLECULAR ELECTROCHEMISTRY

Structural and mechanistic aspects of electrode processes of inorganic, metallorganic and organic substances; synthetic applications.
Chair: F. Paolucci, Past Chair: M. Goulart, Chair Elect: O. Buriez, Vice-Chairs: C. Frontana and G. Xu

Division 7 – PHYSICAL ELECTROCHEMISTRY

Experimental, theoretical and computational aspects of electrochemistry, alone or in conjunction with other methods, relevant to interfaces and conductive media; this shall include physicochemical nature, structure and dynamics from the molecular to the macroscopic level.
Chair: A. Russell, Past Chair: M. Eikerling, Chair Elect: A. Gewirth, Vice-Chairs: M. Arenz and Y. Chen

New Topics Committee

The New Topics Committee identifies interesting and relevant scientific and technological subjects not covered by the ISE Divisions. It has tasks similar to those of a Division, except that it may have several and changing technical priorities.
Chair: P. Unwin, Past Chair: T. Jacob, Chair-Elect: N.J. Tao

Regional Representatives

Argentina:	A.E. Bolzan	2015-2017	2nd term
Australia-NZealand:	C. Hogan	2015-2017	1st term
Austria:	B. Gollas	2016-2018	1st term
Belgium:	T. Breugelmans	2016-2018	1st term
Brazil:	H. Varela	2015-2017	1st term
Bulgaria	E. Slavcheva	2015-2017	1st term
Canada:	G. Jerkiewicz	2016-2018	2nd term
Caribbean Region:	J. Calderon	2014-2016	1st term
Chile:	R. Salazar	2016-2018	2nd term
China:	Yong-yao Xia	2016-2018	1st term
Croatia:	M. Kraljic-Rokovic	2015-2017	1st term
Czech Republic	M. Fojta	2016-2018	1st term
Denmark:	Qingfeng Li	2015-2017	2nd term
Estonia:	E. Härk	2014-2016	1st term
Finland:	B. Wilson	2014-2016	1st term
France:	N. Pébère	2014-2016	2nd term
Germany:	H. Baltruschat	2015-2017	2nd term
Greece:	S. Neophytides	2016-2018	1st term
Hungary:	L. Peter	2014-2016	2nd term
India:	S.K. Aggarwal	2014-2016	1st term
Iran:	M.A.A. Ensafi	2016-2018	2nd term
Ireland:	J. Rohan	2016-2018	1st term
Israel:	N. Eliaz	2015-2017	1st term
Italy:	S. Cattarin	2016-2018	2nd term
Japan:	S. Kuwabata	2014-2016	1st term
Korea:	W. Shin	2016-2018	1st term
Lithuania:	R. Pauliukaite	2014-2016	1st term
Mexico:	C. Frontana	2015-2017	2nd term
Netherlands:	L. Rassaei	2016-2018	1st term
Norway:	V. Yartys	2016-2018	1st term
Poland:	M. Opallo	2016-2018	1st term
Portugal:	J.M. Palma Correia	2015-2017	2nd term
Romania:	M. Ungureanu	2015-2017	1st term
Russia:	M. Vorotyntsev	2016-2018	2nd term
Serbia:	A. Dekanski	2014-2016	1st term
South Africa:	P. Baker	2016-2018	1st term
Spain:	E. Herrero	2014-2016	1st term
Sweden:	R. Wreland Lindström	2016-2018	1st term
Switzerland:	P. Broekmann	2016-2018	1st term
Taiwan:	B.J. Hwang	2015-2017	1st term
Turkey:	M.S. Yazici	2014-2016	1st term
Ukraine:	O. Buket	2016-2018	1st term
United Kingdom:	T. Albrecht	2014-2016	2nd term
USA:	G. Botte	2015-2017	1st term

Corporate Sustaining Members

Corporate Sustaining Members are industrial and commercial (profit-making) organizations. As a Corporate Sustaining Member you can nominate one or two person(s) as your representative(s).

Corporate Sustaining representatives have the following advantages:

- One representative receives an online access to the ISE journal Electrochimica Acta without further charge.
- They can participate in Annual ISE Meetings at reduced registration fees.
- They are invited to co-operate with the divisions, to give proposals and advice on division symposia.
- They are informed about the activities of ISE and about Annual, Topical and Special ISE Meetings and division symposia on new developments in science and technology.
- They can be elected as Society officers

Advertising

- A list of the Corporate Sustaining Members is published regularly in Electrochimica Acta and on these web pages.

Annual Meeting

- Special sessions will be organised for electrochemical and electroanalytical instrumentation.
- You can contact regional groups via Regional Representatives.
- Business meeting places will be offered during Annual ISE Meetings for contacts between people from science and industry to discuss issues such as job recruiting, co-operation in applied research, announcement of research frameworks, negotiation of research contracts etc.

For further information please contact the ISE Office.

Corporate Sustaining Membership fee: 500 EURO

Corporate Members

Corporate Members are teaching institutions, non-profit-making research organizations and learned societies. As a Corporate Member you can nominate a person as your representative.

Corporate representatives have the following advantages:

- One representative receives an online access to the ISE journal Electrochimica Acta without further charge.
- They can participate in Annual ISE Meetings at reduced registration fees.
- They are invited to co-operate with the divisions, to give proposals and advice for division symposia.
- They are informed about the activities of ISE and about Annual and Special ISE Meetings and division symposia on new developments in science and technology.
- They can be elected as Society officers.

Corporate Membership fee: 300 EURO

ISE Honorary Members

Honorary Members are appointed by the Executive Committee, after consultation with the Council, primarily in recognition of their contribution to ISE. The total number at any time is limited to ten.

The first Honorary Member of ISE, appointed in the year 2003, was **Otmar Dossenbach**, Treasurer of the Society for 21 years (1980-2000) and Executive Secretary for 2 years (2001-2002).
Two new Honorary Members were appointed in the year 2004: **Roger Parsons** and **Sergio Trasatti**, former Presidents of the Society.
Three Honorary Members were appointed in the year 2005: **Ron Armstrong**, former Editor-in-Chief of Electrochimica Acta for 18 years, **Elton Cairns** and **Dieter Landolt**, former Presidents of the Society,
One Honorary Members was appointed in the year 2011: **Sharon Roscoe**, former Secretary General of the Society.

ISE Fellows

In recognition of their scientific or technical contributions to electrochemistry, the Society may confer on individual members the distinction of ISE Fellowship. Such ISE Fellows are appointed by the Executive Committee after consultation with the Council. The appointment does not carry with it automatic life-time ISE membership.

The present Fellows of ISE are:

H. Abruña
R. Adzic
R. Alkire
Ph. Allongue
C. Amatore
D. Aurbach
P. Bartlett
R. J. Behm
A. Bond
E. Cairns
A. Chen
C. Comninellis
R. Compton
S. Cosnier
P. Delahay
C. Fan
W.R. Fawcett
J. Feliu
C. Gabrielli
E. Gileadi
H. Girault
J. Gooding
L. Gorton
R. Guidelli
P. Hapiot
J. Heinze
R. Hillman
B.J. Hwang
G. Inzelt
K. Itaya
Y. Ito
H. Ju
A. Jutand
T. Kakiuchi
A. Karyakin
H. Kim
M. Koper
A. Kornyshev
C. Lamy
O. Lev
J. Lipkowski
D. Macdonald
D. Mandler
P. Marcus
R.A. Marcus
N. Markovic
J. McBreen
R. McCreery
R. Nichols
P. Novak
T. Osaka
M. Osawa
S. Passerini
Z. Samec
R. Savinell
E. Savinova
D. Schiffrin
W. Schmickler
P. Schmuki
F. Scholz
W. Schuhmann
B. Scrosati
A. Shukla
P. Simon
U. Stimming
S. Sun
Z. Tian
J. Ulstrup
P. Unwin
K. Uosaki
C. Vayenas
A. Walcarius
Li-Jun Wan
M. Watanabe
A. Wieckowski
G. Wilson
M. Winter
J. Zagal
J. Zhang

Society Awards

Electrochimica Acta Gold Medal

The Electrochimica Acta Gold Medal may be awarded every two years to the person judged to have made the most significant contribution to electrochemistry in recent years.

Frumkin Memorial Medal

The Frumkin Memorial Medal may be given once every two years. It recognises the outstanding contribution of a living individual over his/her life in the field of fundamental electrochemistry.

Katsumi Niki Prize for Bioelectrochemistry

The Katsumi Niki Prize for Bioelectrochemistry may be awarded every two years to a scientist who has made an important contribution to the field of bioelectrochemistry.

Bioelectrochemistry Prize of ISE Division 2

The Bioelectrochemistry Prize of ISE Division 2 may be awarded every two years to a scientist who has made an important contribution to the field of bioelectrochemistry.

Brian Conway Prize for Physical Electrochemistry

The Brian Conway Prize for Physical Electrochemistry may be awarded every two years, in recognition of the most successful achievements in Physical Electrochemistry in recent years.

Alexander Kuznetsov Prize for Theoretical Electrochemistry

The Kuznetsov Prize is awarded every two years to a living individual who has made groundbreaking contribution to the theory of electrochemical phenomena.

Jaroslav Heyrovsky Prize for Molecular Electrochemistry

The Jaroslav Heyrovsky Prize for Molecular Electrochemistry, supported by ISE Division 6, may be awarded annually to a scientist who has made an important contribution to the field of molecular electrochemistry in the last 5 years.

Tajima Prize

The Tajima Prize recognises the contributions made by younger electrochemists. Candidates must be less than 40 years old. An award may be made every year. The decision of the Award Committee will be based on published work.

ISE-Prize for Electrochemical Materials Science

The ISE-Prize for Electrochemical Materials Science is awarded annually to a young person for contributions in the field of electrochemical material science, including corrosion, electrodeposition and surface treatment.

Oronzio and Niccolò De Nora Foundation Young Author Prize

The Oronzio and Niccolò De Nora Foundation Young Author Prize may be awarded annually to a scientist of less than 30 years for the best paper published in the ISE society journal in the calendar year preceding the award.

ISE-Elsevier Prize for Experimental Electrochemistry

The ISE-Elsevier Prize for Experimental Electrochemistry may be awarded annually to a person who has made an important contribution to experimental electrochemistry.

ISE-Elevier Prize for Green Electrochemistry

The ISE-Elsevier Prize for Green Electrochemistry may be awarded annually to a scientist of less than 35 years of age on January 1st of the year of the award, for recent application-oriented achievements in the field of environmental electrochemistry.

ISE-Elsevier Prize for Applied Electrochemistry

The ISE-Elsevier Prize for Applied Electrochemistry may be awarded annually to a scientist of less than 35 years of age on January 1st of the year of the award, for recent achievements in the field of applied electrochemistry.

Early Career Analytical Electrochemistry Prize of Division 1

The Early Career Analytical Electrochemistry Prize of ISE Division 1, sponsored by OrigaLys, may be awarded annually to a scientist of less than 35 years of age on January 1st of the year of the award in recognition of her/his recent achievements in Analytical Electrochemistry.

Electrochimica Acta and ISE Travel Award for Young Electrochemists

The Electrochimica Acta Travel Awards for Young Electrochemists are aimed at favouring the participation of young electrochemists in the ISE Annual Meetings. The applicants must be ISE members. They must have obtained their Ph.D. not earlier than 6 years before the deadline for applications.

ISE Sponsored Meeting Information

What is an ISE sponsored meeting?

You may have noticed that scientific meetings in the field of electrochemistry are often labelled "ISE sponsored Meeting". What does this mean? In addition to organizing its own meetings, such as the Annual and Topical Meetings, ISE may sponsor other international scientific meetings in the area of electrochemistry. ISE sponsorship is intended to be a sign of quality for the meeting.

What are the requirements for ISE sponsorship?

ISE requires that the scientific quality of the meeting reaches the standard of its own meetings. It is desirable that the advisory board consists of ISE members, as far as possible. The meeting must be open to all ISE members.

Who decides?

The decision is normally taken by the officers of the ISE Division in whose field of interest the topic of the meeting lies. ISE Division Officers should be involved in the organisation of the meeting. The ISE Executive Committee decides on the sponsorship for meetings of general interest.

What are the obligations of the organizers?

The organizers have to publicise the ISE sponsorship in all the official documents related to the meeting (announcements, program, website etc.). At the meeting, a representative of ISE must be allowed to say a few words on behalf of the Society, and ISE must have the opportunity to advertise. After the meeting, the organizers should submit a short report to ISE to be published on the ISE website.

What do the organizers receive from ISE?

ISE publishes announcements and reports of ISE sponsored meetings on its website. The ISE Office can organize, free of charge, mailings to all, or a group of ISE members. In appropriate cases, there may be a special issue of Electrochimica Acta associated with these meetings. Decisions about special issues are made by the Editor-in-Chief.

What about money?

ISE sponsorship of a meeting does not necessarily include a financial contribution from ISE. The sponsoring Division(s) may use its funds to support such a meeting. The level of financial contribution will be determined by the Division(s), but a typical sum may be 500 Euros.

How to apply for ISE sponsorship?

If you would like to have the scientific meeting you are organizing sponsored by ISE, please send an e-mail to the ISE Office, at least one year in advance of the time of the meeting, and attach a completely filled in sponsor request form. This form can be found on the ISE website at: http://ise-online.org/sponsmeet/info.php. The decision will be taken by the Officers of the sponsoring Division(s), or by the Executive Committee, and the ISE Office will inform the applicant.

ISE Regional Student Meetings

Graduate Students who are members of ISE and intend to organize a Regional Student Meeting can apply for ISE financial support. Applications submitted by Graduate Students jointly with their supervisors or with other senior members of the staff of their university are also acceptable, but it is expected that the students will be engaged in the organizational aspects of the meeting as much as possible. Regional Student Meetings are typically one-day meetings involving graduate students active in the geographic area where the meeting takes place. The format of the meeting (oral presentations, posters, discussion sessions, other) is autonomously decided by the organizers who will be responsible for securing a venue and collecting registrations. No registration fee should be requested, if financially possible. When the Regional Student Meeting is associated to a larger ISE-sponsored meeting taking place in the same venue, the application must provide clear indication on the connections between the two events and must clearly describe the independent activities reserved to student participants. No later than one month after the meeting, the organizer(s) will send to the ISE Office a report on the event, including the names and the e-mail addresses of the participants. The student participants will be invited to apply for ISE membership. A report giving an overview of the meeting, accompanied by suitable pictures if available, will be posted on the ISE website under Student Activities.

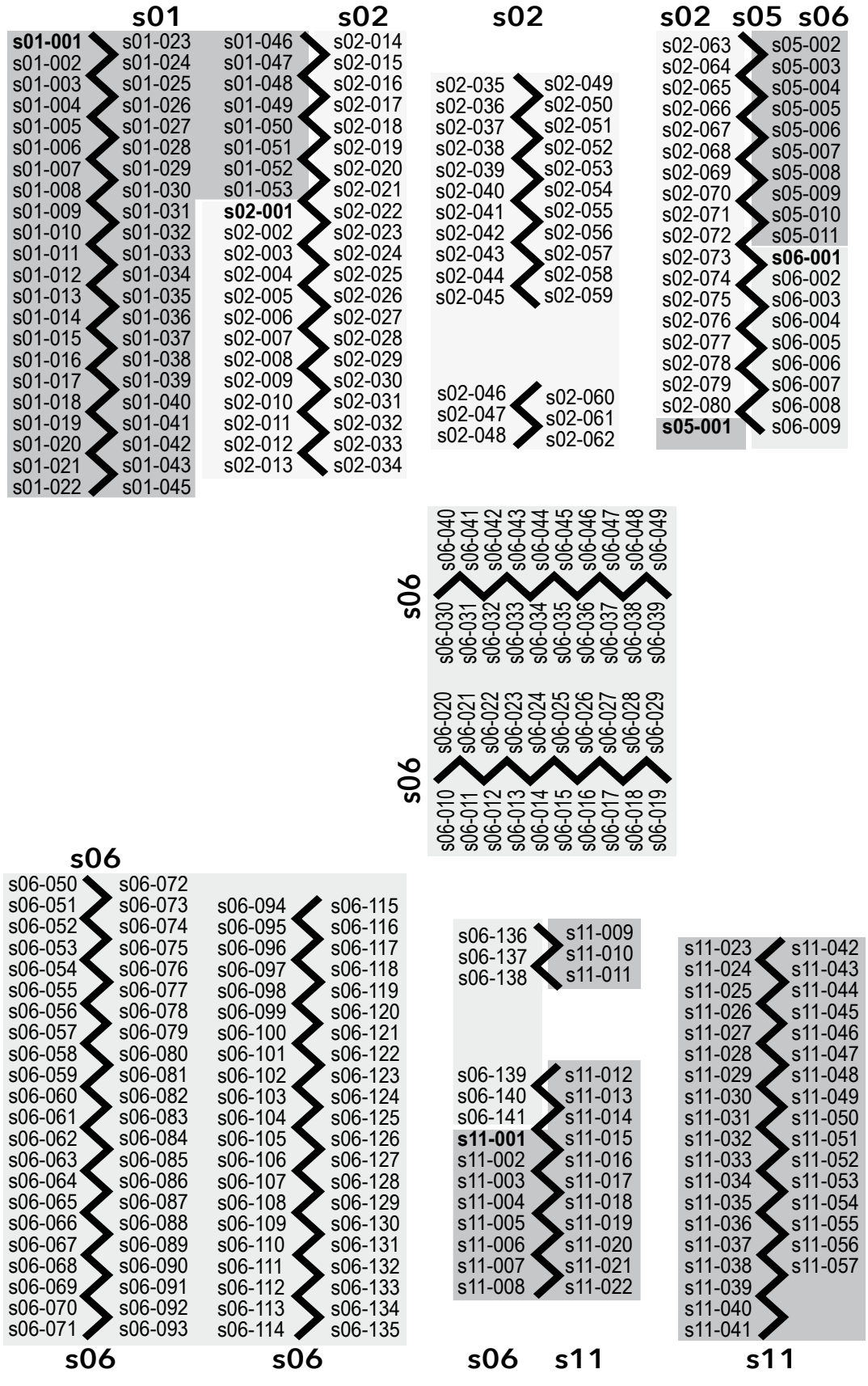
Applications for ISE support must be sent by e-mail to the ISE Office, with a copy to the Regional Representative of the country where the meeting is organized, 3-12 months before the meeting date, using the application form. The local ISE Regional Representative, if requested, will assist the potential meeting organizer in the preparation of the application. Applications will be analyzed by a committee consisting of (i) ISE Immediate Past President (ii) ISE Secretary General, (iii) ISE Treasurer, (iv) ISE Vice President responsible for Educational Activity and (v) ISE Vice President responsible for Regional Sections. The response will be communicated to the applicant and to the relevant Regional Representative no later than 1 month after the application submission.

The maximum financial support will be 600 €; the expected use of the funds must be specified in the application. Co-sponsoring by other Societies and/or institutions is possible.

IVIUM ADVERT B/W

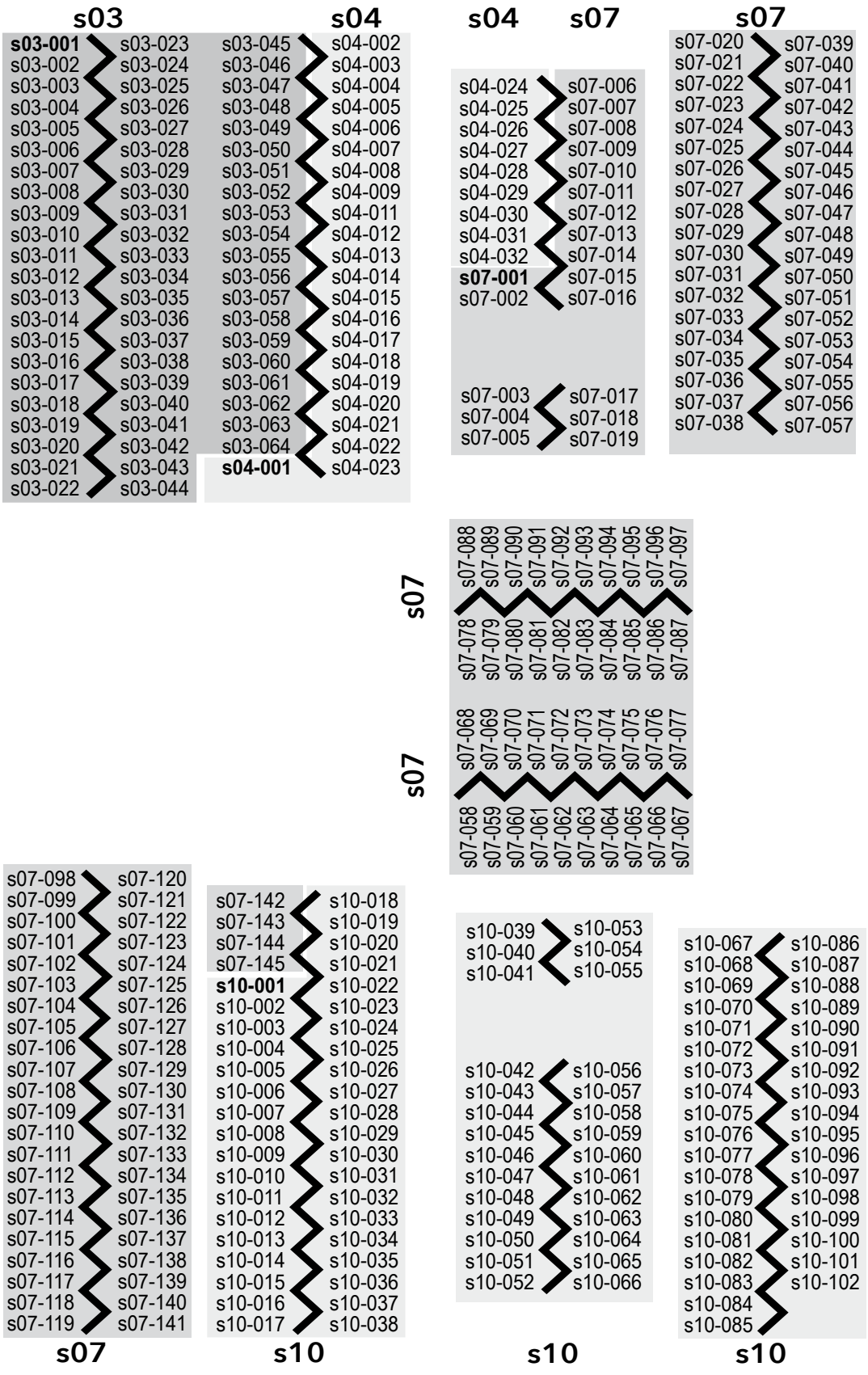
Poster plan of poster presentation session 1 - Monday

Symposia: s1, s2, 5, s6, s11
Poster set-up Monday: 08:30-10:30
Poster Presentation: Monday, 22 August 2016: 11:00-12:30
Poster take-down Monday: 18:00-19:00



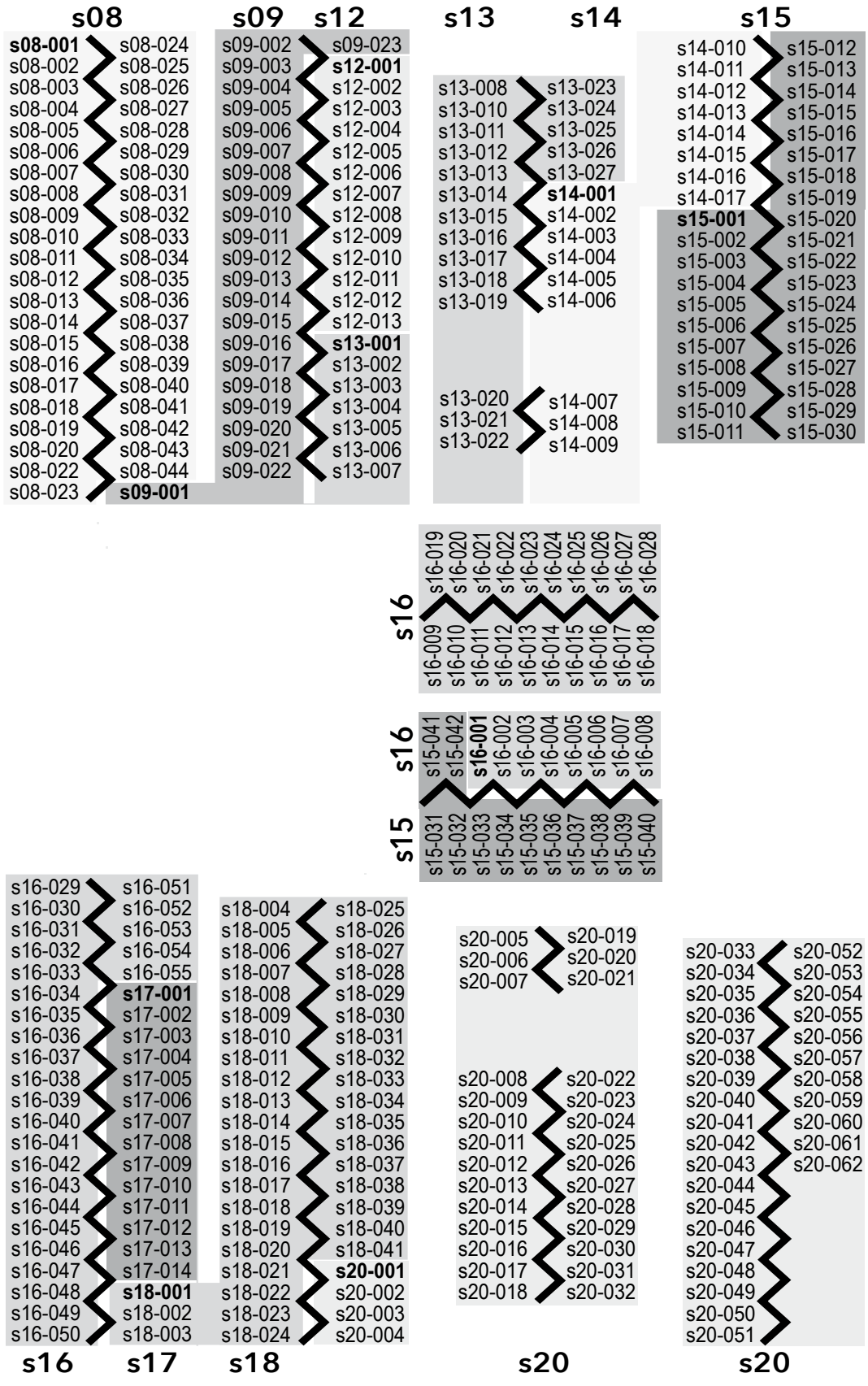
Poster plan of poster presentation session 2 - Tuesday

Symposia: s3, s4, s7, s10
Poster set-up Tuesday: 08:30-10:30
Poster Presentation: Tuesday, 23 August 2016: 11:00-12:30
Poster take-down Tuesday: 18:00-19:00



Poster plan of poster presentation session 3 - Wednesday

Symposia: s8, s9, s12, s13, s14, s15, s16, s17, s18, s20
Poster set-up Wednesday: 08:30-10:30
Poster Presentation: Wednesday, 24 August 2016: 11:00-12:30
Poster take-down Thursday: 14:00-16:00



Day-by-Day Week schedule

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:15 - 09:15		Plenary Lecture	Plenary Lecture	Plenary Lecture	Plenary Lecture	Plenary Lecture
09:30 - 09:50		Oral presentations	Oral presentations	Oral presentations	Oral presentations	Oral presentations
09:50 - 10:10						
10:10 - 10:30						
10:30 - 10:50					Coffee Break	Coffee Break
10:50 - 11:10		Coffee Break	Coffee Break	Coffee Break	11:10-12:10 General Assembly	Oral presentations
11:10 - 11:30		Poster Session	Poster Session	Poster Session		
11:30 - 11:50						
11:50 - 12:10					Lunch	
12:10 - 12:30						Closing Ceremony
		Lunch	Lunch			
12:40-13:40		Div.+RR Meetings	Council Meeting		12:40 - 13:40 Division Meetings	
		Lunch	Lunch		Lunch	
14:00 - 14:20	Tutorials	Oral presentations	Oral presentations		Oral presentations	
14:20 - 14:40						
14:40 - 15:00						
15:00 - 15:20						
15:20 - 15:40						
15:40 - 16:00						
16:00 - 16:20				Excursions		
16:20 - 16:40		Coffee Break	Coffee Break		Coffee Break	
16:40 - 17:00		Oral presentations	Oral presentations		Oral presentations	
17:20 - 17:40	Opening Ceremony					
17:40 - 18:00						
18:00 - 18:20						
18:20 - 18:40						
18:40 - 19:00		Reception				
19:00 - 20:00	Welcome Reception			19:00 - 23:00	Banquet	