

2015

Architecture Abstracts

Fifth Annual International
Conference on Architecture, 6-9
July 2015, Athens, Greece

Edited by Gregory T. Papanikos

THE ATHENS INSTITUTE FOR EDUCATION AND RESEARCH



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Preface

This abstract book includes all the abstracts of the papers presented at the *5th Annual International Conference on Architecture, 6-9 July 2015, Athens, Greece*, organized by the Athens Institute for Education and Research. In total there were 72 papers and 78 presenters, coming from 25 different countries (Argentina, Australia, Bosnia and Herzegovina, Brazil, Chile, China, Finland, Germany, India, Indonesia, Israel, Italy, Jordan, Mexico, New Zealand, Peru, Romania, Saudi Arabia, Singapore, South Africa, Spain, Taiwan, Turkey, UK and USA). The conference was organized into sixteen sessions that included areas such as Architectural Heritage, Urbanism and Urban Concepts, Building Types, Design, Sustainability, e.t.c. As it is the publication policy of the Institute, the papers presented in this conference will be considered for publication in one of the books and/or journals of ATINER.

The Institute was established in 1995 as an independent academic organization with the mission to become a forum where academics and researchers from all over the world could meet in Athens and exchange ideas on their research and consider the future developments of their fields of study. Our mission is to make ATHENS a place where academics and researchers from all over the world meet to discuss the developments of their discipline and present their work. To serve this purpose, conferences are organized along the lines of well established and well defined scientific disciplines. In addition, interdisciplinary conferences are also organized because they serve the mission statement of the Institute. Since 1995, ATINER has organized more than 150 international conferences and has published over 100 books. Academically, the Institute is organized into four research divisions and nineteen research units. Each research unit organizes at least one annual conference and undertakes various small and large research projects.

I would like to thank all the participants, the members of the organizing and academic committee and most importantly the administration staff of ATINER for putting this conference together.

Gregory T. Papanikos
President

FINAL CONFERENCE PROGRAM
5th Annual International Conference on Architecture, 6-9 July 2015,
Athens, Greece

Conference Venue: Titania Hotel, 52 Panepistimiou Avenue, Athens, Greece

Organization and Scientific Committee

1. Dr. Gregory T. Papanikos, President, ATINER & Honorary Professor, University of Stirling, UK.
2. Dr. George Poulos, Vice-President of Research, ATINER & Emeritus Professor, University of South Africa, South Africa.
3. Dr. Nicholas N. Patricios, Director, Engineering & Architecture Research Division, ATINER, Professor & Dean Emeritus, School of Architecture, University of Miami, USA.
4. Dr. Thomas Attard, Deputy Head, Architecture & Engineering Research Unit, ATINER & Associate Research Professor, Arizona State University, USA.
5. Dr Lampros Pyrgiotis, Independent Researcher, President, Greek Society of Regional Scientists, Greece.
6. Dr. Nicholas Pappas, Vice-President of Academics, ATINER, Greece & Professor, Sam Houston University, USA.
7. Dr. Panagiotis Petratos, Vice President of ICT, ATINER, Fellow, Institution of Engineering and Technology & Professor, Department of Computer Information Systems, California State University, Stanislaus, USA.
8. Dr. Chris Sakellariou, Vice President of Financial Affairs, ATINER, Greece & Associate Professor, Nanyang Technological University, Singapore.
9. Ms. Olga Gkounta, Researcher, ATINER.

Administration

Stavroula Kyritsi, Konstantinos Manolidis, Katerina Maraki & Kostas Spiropoulos

Monday 6 July 2015

(all sessions include 10 minutes break)

08:00-08:30 Registration and Refreshments

08:30-09:00 (ROOM B - MEZZANINE FLOOR) Welcome & Opening Remarks

- Dr. Gregory T. Papanikos, President, ATINER & Honorary Professor of Economics, University of Stirling, UK.
- Dr. Nicholas N. Patricios, Director, Engineering & Architecture Research Division, ATINER, and Professor & Dean Emeritus, School of Architecture, University of Miami, USA.

<p>09:00-11:00 Session I (ROOM A - MEZZANINE FLOOR): Architectural Heritage I</p>	<p>09:00-11:00 Session II (ROOM B - MEZZANINE FLOOR): Pedagogy I</p>
<p>Chair: Nicholas N. Patricios, Director, Engineering & Architecture Research Division, ATINER, and Professor & Dean Emeritus, School of Architecture, University of Miami, USA.</p>	<p>Chair: Ms. Olga Gkounta, Researcher, ATINER.</p>
<ol style="list-style-type: none"> 1. Evandro Fiorin, Professor, UNESP, Brazil. Marginal Architecture. Industrial and Railroad Heritage in Sao Paulo's Northwestern Country Towns. 2. Mohammed Jasim, Ph.D. Student, University of Nottingham, U.K. The Discord between Islamic Architecture and Deconstruction Architecture, is it real? 3. Marco Russo, Ph.D. Student, Second University of Naples, Italy. Reuse of Underwater Heritage along the Shoreline of Phlegrean Fields. 4. <u>Zhihua Su</u>, Ph.D. Student, Southeast University, China & Jianqiang Yang, Professor and Dean, Southeast University, China. Industrial Heritage Preservation in the City Center of China: Current Issues and Prospects for the Future. 	<ol style="list-style-type: none"> 1. Carlo Pozzi, Professor, University "G. D'Annunzio" Chieti-Pescara, Italy. A Theoretical Glance of the Teaching Activities in Architecture. 2. <u>George Yao</u>, Professor, National Cheng Kung University, Taiwan, Keng-Chang Kuo, Assistant Professor, National Kaohsiung First University of Science and Technology, Taiwan & Cheng-Luen Hsueh, Assistant Professor, National Cheng Kung University, Taiwan. A Pedagogy for Strength of Material in an Architecture School based on Visual Learning Models Experiment. 3. *Christo Vosloo, Associate Professor, University of Johannesburg, South Africa. Entrepreneurial Education and Training for Architects. 4. Bronne Dytoc, Assistant Professor, Kennesaw State University, USA. Graphic Learning Strategies to Motivate Structures Education in Architecture. 5. <u>Doina Ilies</u>, Ph.D. Candidate, National University of Singapore, Singapore, Wong Yunn Chii & Tay Kheng Soon, National University of Singapore, Singapore. Aesthetic Awareness in Architectural Education.

11:00-12:30 Session III (ROOM A - MEZZANINE FLOOR): Urban Concepts	11:00-12:30 Session IV (ROOM B - MEZZANINE FLOOR): Methodology I
Chair: Senka Ibrisimbegovic, Senior Teaching Assistant, University of Sarajevo, Bosnia and Herzegovina.	Chair: *Christo Vosloo, Associate Professor, University of Johannesburg, South Africa.
<ol style="list-style-type: none"> 1. <u>Anna Martinez Duran</u>, Architect, Research Group IAM, University Ramon Llull, Spain, <u>Jordi Gordon Guerra</u>, Architect, <u>Xavier Martin Tost</u>, Architect & <u>Anna Peguero Piquer</u>, Architect, Research Group IAM, University Ramon Llull, Spain. The Case of Anis del Mono Factory. Regenerating Coastal Heritage in Badalona. 2. <u>Pier Francesco Cherchi</u>, Assistant Professor, University of Cagliari, Italy. Adaptive Reuse of Abandoned Monumental Buildings as a Strategy for Urban Liveability. 3. <u>Klara Indrawati</u>, Lecturer, Tarumanagara University, Indonesia. Hungry Bodies in Danger: A Reflection of <i>Tanah Air</i> Indonesia as a Critical Space. 4. <u>Felice de Silva</u>, Ph.D. Student, University of Salerno, Italy & <u>Roberto Vanacore</u>, Associate Professor, University of Salerno, Italy. The Atlas of the New Way of Living in Avellino. For a New Culture of Building, of Dwelling, of Living. 	<ol style="list-style-type: none"> 1. *<u>Travis Jared Marmarellis Bunt</u>, Assistant Professor, Columbia University, USA & *<u>Mathew Staudt</u>, Designer/Researcher, USA. Rethinking the Future of Beijing's Hutong Villages: Applying Aggregated Value Projective Modeling to Complex, MultiLot Historical Districts Facing ReDevelopment. 2. <u>Kanokwalee Suteethorn</u>, Ph.D. Student, University of California, USA. Evaluation Methods on Cultural Services of Urban Forests. 3. <u>Madlen Simon</u>, Associate Professor, University of Maryland, USA & <u>Maria Beltran</u>, Graduate Student, University of Maryland, USA. Towards a Post-Occupancy Methodology for Measuring Conviviality in the Public Realm. 4. <u>Yingying Zhang</u>, Ph.D. Student, Southeast University, China & <u>Hong Zhang</u>, Head, Southeast University China. Locating Technology of Building Components in Precast Construction Based on Multi-Layers.

12:30-14:00 Session V (ROOM A - MEZZANINE FLOOR): Urbanism	12:30-14:00 Session VI (ROOM B - MEZZANINE FLOOR): Architects
Chair: *Travis Jared Marmarellis Bunt, Assistant Professor, Columbia University, USA.	Chair: *Mathew Staudt, Designer/Researcher, USA.
<ol style="list-style-type: none"> 1. <u>Wenyong Tan</u>, Associate Professor and Architect, Chongqing University, China, <u>Junjie Lu</u>, M.A. in City Planning, Chongqing University, China, Yan Bo, Chongqing University, China & Fang Ling, Chongqing University, China. The Evolution of the Fabric of Inner City in China (1992-2012): A Case Study of East Area of Shabei Street, Shapingba District, Chongqing. 2. Riitta Niskanen, Researcher, Lahti City Museum, Finland. From Wastelands to Everyman's Living Room - Three Stages of Finnish Park History, Lahti as an Example. 3. Janina Schupp, Ph.D. Student, University of Cambridge, U.K. Exploring Urban Malaise in Los Angeles through the Lens of Film Noir. 4. Xavier Martin Tost, Architect, Research Group IAM, University Ramon Llull, Spain. Architecture for Informal Tourism. Mild Occupation of Landscape through Campsites. 	<ol style="list-style-type: none"> 1. Jean-Francois Lejeune, Professor, University of Miami, USA. Madrid vs. Barcelona: Two Visions for the Modern City and Block (1929-36). 2. Shuenn-Ren Liou, Professor, National Cheng Kung University, Taiwan. Two Ends of the Spectrum: A Preliminary Analysis and Comparison on the Architectural Strategies Employed by Koolhaas and Siza in Asia. 3. <u>Jorge Losada Quintas</u>, Professor, University of Piura, Peru & <u>Lola Rodriguez Diaz</u>, Professor, University of Piura, Peru. Prada Architecture. OMA's Work in Omni-Channel Retail Ecosystem. 4. Carmela Canzonieri, Assistant Professor, Kore University, Italy. Contemporary Relevance of Alvar Aalto Landscape Approach. 5. Andrew Metcalf, Ph.D. Student, University of Canberra, Australia. Graphic and Explicit; the Punctum in Neil Denari's Architecture. 6. <u>Megan Nottingham</u>, Ph.D. Researcher, University of Nottingham, U.K. & Katharina Borsi, Assistant Professor, University of Nottingham, U.K. The Typology of the Block: Continuity and Spatial Performance.

14:00-15:00 Lunch

15:00-16:30 Session VII (ROOM B - MEZZANINE FLOOR): Modernism
Chair: Darioush Bashiri Hamidabad, Architect.
<ol style="list-style-type: none"> 1. *<u>Fatih Rifki</u>, Professor, Montana State University, USA & Joshua Mollenkamp, Designer, Legends Studio, USA. Archigram: The Utopia that Rocked Modernist Architecture in the Mid-Twentieth Century *Milica Muminovic, Assistant Professor, University of Canberra, Australia. Places as Assemblages: Paradigm Shift or another Fashionable Nonsense? 2. *Milica Muminovic, Assistant Professor, University of Canberra, Australia. Places as Assemblages: Paradigm Shift or another Fashionable Nonsense? 3. Inbal Ben-Asher Gitler, Lecturer, Sapir Academic College, Israel. Identity and Nation Building: Modern Architecture in Israel's Negev Region, 1948-1978. 4. Francisco Javier Casas Cobo, Lecturer and Vice-Chair of the Department of Architectural Engineering, Dar Al Uloom University, Saudi Arabia. The Shifting Roots of Modern Architecture from the 50s to the Contemporariness. 5. Beatriz Villanueva Cajide, Lecturer, Prince Sultan University, Saudi Arabia. The Manifesto & the Hammer. A Review on How Contemporary Architecture Theories are being Built. 6. <u>Mike Austin</u>, Architect, UNITEC Institute of Technology, New Zealand & <u>Ginny (Virginia) Pedlow</u>, Architect, Mitchell Stout Architects, New Zealand. Bi-cultural Architecture.

16:30-18:00 Session VIII (ROOM A - MEZZANINE FLOOR): Building Types

Chair: Jean-Francois Lejeune, Professor, University of Miami, USA.

1. Anat Geva, Professor, Texas A&M University, USA & Nesrine Mansour, Ph.D. Student, Texas A&M University, USA. The Quest of Light in Campus Chapels: The Case of Texas Universities.
2. *Hasan Begec, Assistant Professor, Dokuz Eylul University, Turkey & Darioush Bashiri Hamidabad, Architect. Is There a Limit for the Skyscrapers?
3. *Karthikeyan Nachiappan, Architect, Assistant Professor, MIDAS, Studio of Architectural Urbanism, India. "Human and Built Space Interface" - A Socio Cultural Study of Courtyard Typology Houses in Chettinad Architecture.
4. Antonella Manzo, Ph.D. Student, Politecnico di Milano, Italy. Santa Fosca in Torcello and the Middle Byzantine Churches in Eastern Greece: Preliminary Comparison and Remarks on Common Features and Differences.
5. Garrett Fugate, Graduate Student, University of Kansas, USA. Embodying Spirituality: Place, Faith, and Body in Orthodox Christian Churches.

18:00-19:30 Session IX (ROOM A - MEZZANINE FLOOR): Place Making and Other Essays

Chair: *Fatih Rifki, Professor, Montana State University, USA.

1. Claudia Anamaria Chifor, Ph.D. Student, Technical University of Cluj-Napoca, Romania. Turda. Particularities and Potential Regarding the City Development as a Polarizing Center.
2. Shan He, Ph.D. Candidate, University of Western Australia, Australia. Between Permeability and Isolation: A Comparative Urban Life Study Of Inner-City Railway Stations and Their Node Precincts in China.
3. Jorge Sosa Oliver, Research Group Member, Benemérita Universidad Autónoma de Puebla, Mexico, Aurora Roldan Olmos, Research Group Member, Benemérita Universidad Autónoma de Puebla, Mexico, Gerardo Sosa Valerdi, Research Group Member, Universidad Iberoamericana de Puebla, Mexico & Maria Cristina Valerdi Nochebuena, Research Group Chief, Benemérita Universidad Autónoma de Puebla, Mexico Fanny Rabel: Post-Revolution Artist.
4. Maria Cristina Valerdi Nochebuena, Research Group Chief, Benemérita Universidad Autónoma de Puebla, Mexico, Julia Judith Mundo Hernandez, Research Group Member: Department of Architecture, Universidad de las Américas Puebla, Puebla, Mexico, Víctor Manuel Martínez López, Research Group Member, Benemérita Universidad Autónoma de Puebla, Mexico A Case Study of the 20th Century Architecture: The Concrete Shell Structures in the Autonomous University of Puebla, Mexico.
5. Senka Ibrismbegovic, Senior Teaching Assistant, University of Sarajevo, Bosnia and Herzegovina & Nina Ugljen-Ademovic, Professor, University of Sarajevo, Bosnia and Herzegovina. Creativity in Architecture as a Precursor of an Evolving Cultural Development.

21:00-23:00 Greek Night and Dinner (Details during registration)

Tuesday 7 July 2015

08:00-09:30 Session X (ROOM A - MEZZANINE FLOOR): Methodology II

Chair: *Milica Muminovic, Assistant Professor, University of Canberra, Australia.

1. Felix Wellnitz, Professor, Regensburg Technical University of Applied Sciences, Germany. Strategies for the Energy-efficient Refurbishment and Sustainable Preservation of the Heritage Listed, Former Bavarian Federal Embassy in the Past German Capital Bonn, Designed and Executed 1955 by Post-war Modernist Architect Sep Ruf.
2. *Valentina Pintus, Ph.D. Student, University of Cagliari, Italy, Caterina Giannattasio, Associate Professor, University of Cagliari, Italy & Maria Silvana Grillo, Associate Professor, University of Cagliari, Italy. Interdisciplinary Study for Knowledge and Dating of the San Francesco Convent in Stampace, Cagliari - Italy (XIII-XXI Century).
3. *Elisa Pilia, Ph.D. Student, University of Cagliari, Italy, Donatella Rita Fiorino, Professor, University of Cagliari, Italy & Silvana Maria Grillo, Associate Professor, University of Cagliari, Italy. Interdisciplinary Knowledge for Ruins Conservation: Archaeometric and Stratigraphic Analysis of San Giovanni Battista Church (Sardinia, Italy).
4. Carlos Marquez, Senior Lecturer, University of Lincoln, U.K. Fly Not a Swing for Learning and Creativity on Studio.

09:30-11:30 Session XI (ROOM A - MEZZANINE FLOOR): Sustainability & Building Types

Chair: *Karthikeyan Nachiappan, Architect, Assistant Professor, MIDAS, Studio of Architectural Urbanism, India.

1. Kapila Silva, Associate Professor, University of Kansas, USA. Sustainable Re-housing after Disasters: Learning from Post-tsunami Resettlements in Sri Lanka.
2. Angelica Ponzio, Adjunct Professor, Universidade Federal do Rio Grande do Sul, Brazil. Come As You Are - The Design Hotel Experience.
3. Liliana Lolich, Research Scientist, Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Universidad Nacional de Rio Negro (UNRN), Argentina & Tomas Guevara, Research Scientist, Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Universidad Nacional de Rio Negro (UNRN), Argentina. Sustainable Development in a Touristic City with Protected Areas. A Diagnostic Study Applied to an Urban Area Near the Nahuel Huapi National Park in Patagonia.
4. Nicolina Mastrangelo, Ph.D. Student, University Federico II, Italy, Dora Francese, Professor, University Federico II, Italy & Paulo Mendonca, Associate Professor, University of Minho, Portugal. Bioclimatic Performances of Traditional Construction in Straw, in Italy and in Portugal.
5. Radu Alexandru Tonca, Ph.D. Student, Technical University of Cluj-Napoca, Romania. Open Library in Romania - Libraries and Communities. Libraries and Spaces.
6. *Jing Luo, Ph.D. Candidate, Tsinghua University, China. The Spatialization of Being and Belonging: Typological Study of Chinese Diaspora Settlement of Bangka, Taipei.

11:30-13:00 Session XII (ROOM A - MEZZANINE FLOOR): Design	11:30-13:00 Session XIII (ROOM B - MEZZANINE FLOOR): Architectural Heritage II
Chair: Kapila Silva, Associate Professor, University of Kansas, USA.	Chair: Madlen Simon, Associate Professor, University of Maryland, USA.
<ol style="list-style-type: none"> 1. <u>Ana Sanchez Ostiz Gutierrez</u>, Professor, Director, Master's Degree in Environmental Design and Building Management and Head, Department of Building Construction, University of Navarre, Spain, Aurora Monge-Barrio, Professor, University of Navarre, Spain, Silvia Domingo-Irigoyen, Ph.D. Student, University of Navarre, Spain & Purificacion Gonzalez-Martinez, Professor, University of Navarre, Spain. Toward Nearly-Zero Emissions Buildings. Characterization and Verification of a New Industrialized Component for Facades. 2. *<u>Vincenzo Sapienza</u>, Associate Professor, University of Catania, Italy & Gianluca Rodono, Ph.D. Student, University of Catania, Italy. Kinetic Architecture and Foldable Surface. 3. Starlight Vattano, Architect, University of Palermo, Italy & Giorgia Gaeta, Architect, University of Palermo, Italy. Eileen Gray and Charlotte Perriand. Graphical Interpretations. 4. <u>Francesco Tamburrino</u>, Ph.D. Student, Second University of Naples, Italy, Raffaella Aversa, Assistant Professor, Second University of Naples, Italy & Antonio Apicella, Professor, Second University of Naples, Italy. LCA Assisted Design as Approach to the Sustainable Product Development: Case Study of Acrylic Lamp. 5. Mayyadah Hussein, Assistant Professor, University of Petra, Jordan. Back to Identity: The Role Arabic Calligraphy in Forming Modern Interior Design. 	<ol style="list-style-type: none"> 1. Mauricio Baros, Professor, Universidad de Chile, Chile. The Validity of the Mudejar in Cultural Discourses on Latin American Architecture. 2. <u>Domenico Chizzoniti</u>, Associate Professor, Politecnico di Milano, Italy, Letizia Cattani, Politecnico di Milano, Italy, Monica Moscatelli, Ph.D. Candidate and Research Assistant, Politecnico di Milano, Italy & Luca Preis, Politecnico di Milano, Italy. Temporary and Reversible Structures for Enhancement Historical Urban Parks A Case Study in Milan. 3. <u>Eugenia Maria Azevedo Salomao</u>, Research Professor, Universidad Michoacana de San Nicolas de Hidalgo, Mexico & Luis Alberto Torres Garibay, Research Professor, Universidad Michoacana de San Nicolas de Hidalgo, Mexico. Vernacular Architecture in Michoacan. Constructive Tradition as a Response to the Natural and Cultural Surroundings. 4. *Barbara Calvi, Ph.D. Candidate, Politecnico di Milano, Italy. Bhutanese Dzongs: A Disappearing Hierarchy of Interior Spaces.

13:00-14:00 Lunch

14:00-15:30 Session XIV (ROOM A - MEZZANINE FLOOR): Pedagogy II	14:00-15:30 Session XV (ROOM B - MEZZANINE FLOOR): Technology and Other Essays
Chair: *Vincenzo Sapienza, Associate Professor, University of Catania, Italy.	Chair: Mayyadah Hussein, Assistant Professor, University of Petra, Jordan.
<ol style="list-style-type: none"> 1. María Antonia Frias Sagardoy, Professor, Department of Architectural Projects, Urbanism, Theory and History, University of Navarre, Spain. Architecture and Perception. The Oteiza Museum of Alzuza (Navarre, Spain). 2. <u>Magdalena Saura Carulla</u>, Professor, Head, GIRAS Research Group, Spain, Josep Muntanola, Architect, GIRAS Research Group, Spain, Sergi Mendez, Ph.D. Student, GIRAS Research Group, Spain & Julia Beltran, Ph.D. Student, GIRAS Research Group, Spain. Architecture and Education: The Basic Role of the Local Dimensions on Architecture and Planning. 3. Basak Gucyeter, Assistant Professor, Eskisehir Osmangazi University, Turkey. The Place of Sustainability in Architectural Education: Discussion and Suggestions. 	<ol style="list-style-type: none"> 1. Daniela Parcesepe, Ph.D. Student, Second University of Naples, Italy. New Materials for Design Applications: Liquidmetals and Jewelry. 2. <u>Valeria Perrotta</u>, Ph.D. Student, Second University of Naples, Italy, Raffaella Aversa, Assistant Professor, Second University of Naples, Italy, Carlo Misiano, Professor, Second University of Naples, Italy & Antonio Apicella, Professor, Second University of Naples, Italy. The Compatibility of Ion Plating Plasma Assisted Technologies for Preservation Antique Ceramics. 3. <u>Martina De Vincentiis</u>, Student, Second University of Naples, Italy, Antonio Apicella, Professor, Second University of Naples, Italy & Raffaella Aversa, Assistant Professor, Antonio Apicella, Professor, Second University of Naples, Italy. Analysis of the Barbie Case Study: Social, Materials and Technologies Evolution Related to the Development of the Product. 4. <u>Fernando Omar Reyes Peralta</u>, Msc Student, Benemerita Universidad Autónoma De Puebla, Mexico, Victor Manuel Martinez Lopez, Research Group Member, Benemerita Universidad Autónoma De Puebla, Mexico & Edmundo Sotelo Mendiola, Research Group Member, Benemerita Universidad Autónoma De Puebla, Mexico. The Diagram as a Graphic Technic for the Design Process: An Experience in Architecture and Urbanism Competitions.

15:30-17:00 Session XVI (ROOM A - MEZZANINE FLOOR): Approach to Architecture II
Chair: Basak Gucyeter, Assistant Professor, Eskisehir Osmangazi University, Turkey.
<ol style="list-style-type: none"> 1. Melike Akyol, Research Assistant and Ph.D. Student, Gazi University, Turkey. A Phenomenological Approach on the Experience of Architecture in Literature. 2. <u>Dora Francese</u>, Professor, University of Naples "Federico II", Italy & <u>Emanuela Adamo</u>, Ph.D. Student, University of Naples "Federico II", Italy. New Requirements for the Mediterranean Cities: Comparison between South Italy and Istanbul. 3. Chunhong Chen, Lecturer, Tianjin University, China. Cosmological Planning Concepts of Beijing City.

17:30-20:00 Urban Walk (Details during registration)

20:30- 22:00 Dinner (Details during registration)

Wednesday 8 July 2015: Cruise (Details during registration)

Thursday 9 July 2015: Delphi Visit (Details during registration)

Starlight Vattano
Architect, University of Palermo, Italy
&
Giorgia Gaeta
Architect, University of Palermo, Italy

Eileen Gray and Charlotte Perriand. Graphical Interpretations

For a long time the figure of the architect has been a profession relegated to a purely masculine acting which concealed that interpretation and construction practice of plastic thought belonging in architecture also to the women. In order to investigate some of those tracks hung in the graphic memory, the article deals with the study of two projects, through the re-drawing of Eileen Gray, Irish architect, but French by adoption, who had turned into formal delicacy her restless perception of reality and Charlotte Perriand, architect trained at the studio of Le Corbusier and Jeanneret who, in line with the trends of the time, was able to promote the emphasis of collective and rational living with her works.

The article proposes the “graphic re-interpretation” of some Eileen Gray’s projects remained on paper in response to the social problems arising in 1936 with the establishment of the Léon Blum’s new socialist government. In particular in her projects of several *private holiday houses* in Vezelay, the small temporary house turns into a manifesto of the new architectural culture and in an experimentation field through which Gray investigates other principles of the Modern Movement that interface with the variety of composition of small spaces in relation to the inside well-being at the human scale.

In parallel, the article addresses the response to the same issues elaborated by Charlotte Perriand first with the study of the *Maison du week-end* and then of the *Maison au bord de l’eau*. Starting from the definition of interior spaces, Perriand offers a new point of view on the minimum living space for leisure and a radical architectural interpretation of the French industrial modernity.

The graphic reading of these never realized projects outlines a new archive enriched by the harmonious and pioneering project of two of the most emblematic figures in the history of modern architecture through whom the drawing interprets forms and spatial reasons.