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Detailed Programme by Session Type

The programme below refers to the pre-congress position updated to 21 August 2013. Subsequent updates announced at the Congress venue are provided [here](#).

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Invited Paper Sessions (IPS)

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Session Code / Date [Time]	Venue / Time	Session / Paper	Download
IPS / 30 Aug 2013 [15:30 - 16:15]	Convention Halls A, B and C	ISI President's Invited Speaker Sponsoring Association(s) # : ISI	
	15:30	Organiser and Chair : Jae Chang Lee	
	15:35	Paper 1 : World Bank goals on eliminating extreme poverty & boosting shared prosperity: Implications for data and policy <i>Kaushik Basu</i>	Abstract / Paper
	16:10	Open discussion	
IPS001 / 26 Aug 2013 [09:00 - 11:15]	Convention Hall C	Probabilistic and statistical contributions in climate research Sponsoring Association(s) # : BS, C(PS)2	
		Organiser : Philippe Naveau	
	09:00	Chair : William Kleiber	
	09:10	Paper 1 : Modelling of extreme rainfall in space and time <i>Anthony C. Davison, R. Huser</i>	Abstract / Paper
	10:00	Paper 2 : A multi-site hourly precipitation weather generator based on a frailty-contagion approach <i>Erwan Koch</i>	Abstract / Paper
10:50	Open discussion		
IPS002 / 26 Aug 2013 [09:00 - 11:15]	Room S421	Improving health statistics in the context of measuring quality of life Sponsoring Association(s) # : IAOS	
	09:00	Organiser and Chair : Marleen De Smedt	
	09:10	Paper 1 : The role of statistics on health status in the context of measuring QoL <i>Jennifer Madans</i>	Abstract / Paper
	09:35	Paper 2 : Selecting indicators for the health dimension in measuring QoL <i>Michael Wolfson</i>	Abstract / Paper
	10:00	Paper 3 : Methods and materials of health expectancy <i>Yasuhiko Saito</i>	Abstract / Paper
	10:25	Paper 4 : The role of HIS/HES/DIS for measuring the health dimension <i>Mika Gissler, Antti Tuomi-Nikula</i>	Abstract / Paper
	10:50	Discussant(s) : Elisabetta Vassenden	
	11:05	Open discussion	
IPS003 / 26 Aug 2013 [09:00 - 11:15]	Theatre 1	Statistical challenges for the analysis of social networks Sponsoring Association(s) # : IASC	
	09:00	Organiser and Chair : Gilbert Saporta	
	09:10	Paper 1 : Estimating network degree distributions from	Abstract /

			Paper 1 : Estimating network edge distributions from sampled networks: An inverse problem <i>Eric D. Kolaczyk, Yaonan Zhang, Bruce D. Spencer</i>	Abstract / Paper
	09:40		Paper 2 : Community detection and learning in social networks <i>Emmanuel Viennet</i>	Abstract / Paper
	10:10		Paper 3 : Perpendicular latent space models for multiview network data <i>Tyler H. McCormick, Michael Salter-Townshend</i>	Abstract / Paper
	10:40	Discussant(s) : <i>Tian Zheng</i>		
	11:00	Open discussion		
IPS004 / 26 Aug 2013 [09:00 - 11:15]	Convention Hall B	New developments in multilevel model inference from complex sample survey data Sponsoring Association(s) # : IASS		
		Organiser : <i>J.N.K. Rao</i>		
	09:00	Chair : <i>Alastair John Scott</i>		
	09:10	Paper 1 : Empirical bias corrections for fitting multilevel models under informative sampling <i>Solange Correa Onel, Danny Pfeffermann</i>	Abstract / Paper	
	09:40	Paper 2 : Multivariate hierarchical normal modelling under informative sampling <i>Pedro Luis do Nascimento Silva, Fernando Antonio Da Silva Moura</i>	Abstract / Paper	
	10:10	Paper 3 : A composite likelihood approach to analysis of survey data with sampling weights incorporated under two-level models <i>Grace Y. Yi, J.N.K. Rao, Haocheng Li</i>	Abstract / Paper	
	10:40	Discussant(s) : <i>Chris J. Skinner</i>		
	11:00	Open discussion		
IPS005 / 26 Aug 2013 [09:00 - 11:15]	Convention Hall A	Issues related to major redesigns in national statistical offices Sponsoring Association(s) # : IASS		
		Organiser : <i>Xiuhua Tian</i>		
	09:00	Chair : <i>Hing-wang Fung</i>		
	09:10	Paper 1 : Issues related to major redesigns in national statistical offices <i>Peter Morrison</i>	Abstract / Paper	
	09:35	Paper 2 : Redesign in a statistical office - Sociodemographic statistics in the Office for National Statistics <i>Paul A. Smith</i>	Abstract / Paper	
	10:00	Paper 3 : Innovations in Australia's social statistics information program <i>Gemma Van Halderen, Eric Morris</i>	Abstract / Paper	
	10:25	Paper 4 : Design and implementation of the Integrated Business Survey in China <i>Xiuhua Tian</i>	Abstract / Paper	
	10:50	Discussant(s) : <i>Barteld Braaksma</i>		
11:05	Open discussion			
IPS006 / 26 Aug 2013 [09:00 - 11:15]	Room S228	Statistical methods in the study of palaeoclimate Sponsoring Association(s) # : TIES		
		Organiser : <i>John Haslett, Bo Li</i>		
	09:00	Chair : <i>John Haslett</i>		
	09:20	Paper 1 : Paleoclimate reconstruction using statistical nonlinear forward models <i>Peter F. Craigmile, Martin P. Tingley, Jiangyong Yin</i>	Abstract / Paper	
	10:00	Paper 2 : Bayesian palaeoclimate inference from pollen in Southern Italy <i>Andrew C. Parnell, James Sweeney, Think K. Doan, Michael Salter-Townshend, Judy R.M. Allen, Brian Huntley, John Haslett</i>	Abstract / Paper	
	10:40	Discussant(s) : <i>Paul Switzer</i>		
11:00	Open discussion			
IPS007 / 26 Aug 2013 [09:00 - 11:15]	Room S428	Improving agricultural statistics through methodological validation and research Sponsoring Association(s) # : ISI		

		Organiser : <i>Calogero Carletto</i>	
	09:00	Chair : <i>Frederic A. Vogel</i>	
	09:10	Paper 1 : From Guesstimates to GPStimates: Land area measurement and implications for agricultural analysis <i>Calogero Carletto, Sydney Gourlay, Paul Winters</i>	Abstract / Paper
	09:35	Paper 2 : Assessing the effect of slope and weather conditions on area measurement using GPS <i>Naman Keita</i>	Abstract / Paper
	10:00	Paper 3 : Missing(ness) in action: Selectivity bias in GPS-based land area measurements <i>Talip Kilic, Alberto Zezza, Calogero Carletto, Sara Savastano</i>	Abstract / Paper
	10:25	Paper 4 : Milking the data: Measuring household milk production in extensive livestock systems. Experimental evidence from Niger <i>Alberto Zezza, Giovanni Federighi, Calogero Carletto</i>	Abstract / Paper
	10:50	Open discussion	
IPS008 / 26 Aug 2013 [13:00 - 15:15]	Theatre 1	History I: Jacob Bernoulli's "Ars Conjectandi" and the emergence of probability Sponsoring Association(s) # : BS	
		Organiser : <i>Adam Jakubowski</i>	
	13:00	Chair : <i>Edward C. Waymire</i>	
	13:10	Paper 1 : Jacob Bernoulli and the founding of mathematical probability <i>Edith Dudley Sylla</i>	Abstract / Paper
	13:40	Paper 2 : Statistics and philosophy of probability - Six degrees of separation <i>Krzysztof Burdzy</i>	Abstract / Paper
	14:10	Paper 3 : An overview of Monte Carlo methods, from importance sampling to MCMC, to ABC <i>Christian P. Robert</i>	Abstract / Paper
	14:40	Discussant(s) : <i>Adam Jakubowski</i>	
	15:00	Open discussion	
IPS009 / 26 Aug 2013 [13:00 - 15:15]	Convention Hall B	IAOS forum - A panel discussion on new challenges facing official statistics Sponsoring Association(s) # : IAOS	
	13:00	Organiser and Chair : <i>Stephen John Penneck</i>	
	13:10	Paper 1 : Panel discussion <i>Marjo Bruun</i>	Abstract / Paper
	13:10	Paper 2 : Panel discussion <i>Carmelita Nuguid Ericta</i>	Abstract / Paper
	13:10	Paper 3 : Panel discussion <i>Jil Matheson</i>	Abstract / Paper
	13:10	Paper 4 : Panel discussion <i>Eduardo Nunes</i>	Abstract / Paper
	13:10	Paper 5 : Panel discussion <i>Walter Josef Radermacher</i>	Abstract / Paper
	14:40	Open discussion	
IPS010 / 26 Aug 2013 [13:00 - 15:15]	Convention Hall C	Statistics of extremes and re-sampling methodologies Sponsoring Association(s) # : IASC	
	13:00	Organiser and Chair : <i>Ivette Gomes</i>	
	13:10	Paper 1 : Bridging centrality and extremity: Refining empirical data depth using extreme value theory <i>Regina Liu, John Einmahl, Jun Li</i>	Abstract / Paper
	13:40	Paper 2 : Bootstrapping endpoint <i>Zhouping Li, Liang Peng</i>	Abstract / Paper
	14:10	Paper 3 : The role of bootstrap methodologies in the estimation of a negative extreme value index <i>Frederico Caeiro, M. Ivette Gomes</i>	Abstract / Paper
	14:40	Discussant(s) : <i>Anthony C. Davison</i>	
	15:00	Open discussion	
IPS011 / 26 Aug 2013 [13:00 - 15:15]	Room S421	Chronological text mining Sponsoring Association(s) # : IASC	

	13:00	Organiser and Chair : Anne Marie Morin	
	13:10	Paper 1 : A system for temporally-sliced correspondence analysis visualization <i>Bojana Dalbelo Bašić, Artur Šilić, Annie Morin, Jean-Hugues Chauchat</i>	Abstract / Paper
	13:35	Paper 2 : Dynamic of a speech: Tracking the discursive strategy <i>Mónica Bécue-Bertaut</i>	Abstract / Paper
	14:00	Paper 3 : CAText, interactive exploration of chronological text corpora <i>Nguyen-Khang Pham, Annie Morin</i>	Abstract / Paper
	14:25	Paper 4 : Use of statistical testing for determining the values of parameters for an unsupervised feature construction algorithm <i>Marian-Andrei Rizoiu, Julien Velcin, Stéphane Lallich</i>	Abstract / Paper
	14:50	Discussant(s) : Jean-Hugues Chauchat	
	15:05	Open discussion	
IPS012 / 26 Aug 2013 [13:00 - 15:15]	Convention Hall A	Statistical methods for identification of biosignatures of treatment response Sponsoring Association(s) # : ISI	
	13:00	Organiser and Chair : Ying Wei	
	13:10	Paper 1 : HORSES: Hexagonal Operator for Regression with Shrinkage and Equality Selection <i>Johan Lim, Woncheol Jang, Nicole Lazar, Ji Meng Loh</i>	Abstract / Paper
	13:35	Paper 2 : Canonical k-means clustering for functional data <i>Thaddeus Tarpey, Eva Petkova</i>	Abstract / Paper
	14:00	Paper 3 : Modeling strategies for developing treatment response indices <i>Eva Petkova, Zhe Su</i>	Abstract / Paper
	14:25	Paper 4 : Model selection criteria based on computationally intensive estimators of the expected optimism <i>Joseph E. Cavanaugh, Andrew A. Neath</i>	Abstract / Paper
	14:50	Discussant(s) : R. Todd Ogden	
	15:05	Open discussion	
IPS013 / 26 Aug 2013 [13:00 - 15:15]	Room S228	Applications on modeling time correlated count processes Sponsoring Association(s) # : ISBIS	
		Organiser : Nalini Ravishanker	
	13:00	Chair : Mike K.P. So	
	13:10	Paper 1 : Modelling the total loss distribution based on dependent operational risk frequency counts <i>Claudia Czado, Eike C. Brechmann, Sandra Paterlini</i>	Abstract / Paper
	13:40	Paper 2 : Hierarchical Bayesian spatio-temporal Conway-Maxwell Poisson models with dynamic dispersion <i>Scott H. Holan, Guohui Wu, Christopher K. Wikle</i>	Abstract / Paper
	14:10	Paper 3 : On a threshold autoregression <i>Wai Keung Li</i>	Abstract / Paper
	14:40	Discussant(s) : Jeff J.F. Yao	
15:00	Open discussion		
IPS015 / 26 Aug 2013 [13:00 - 15:15]	Room S428	Statistics for protein structure prediction and protein interaction Sponsoring Association(s) # : IASC	
	13:00	Organiser and Chair : Michael G. Schimek	
	13:05	Paper 1 : Introduction to proteomics and the statistical aspects of protein research <i>Michael G. Schimek, Kanti V. Mardia *</i>	Abstract / Paper
	13:25	Paper 2 : Bayesian parameter estimation for protein contact potentials <i>Scott C. Schmidler, Xiang Zhou</i>	Abstract / Paper
	13:50	Paper 3 : A Bayesian model for protein secondary structure prediction <i>David B. Dahl, Qiwei Li, Marina Vannucci, Hyun Joo, Jerry W. Tsai</i>	Abstract / Paper

	14:15	Paper 4 : Combining the multicanonical ensemble with generative probabilistic models of local biomolecular structure <i>Jes Frellsen, Thomas Hamelryck, Jesper Ferkinghoff-Borg</i>	Abstract / Paper
	14:40	Discussant(s) : <i>Kanti Mardia</i>	
	15:05	Open discussion	
IPS016 / 26 Aug 2013 [15:30 - 17:45]	Theatre 1	Statistical and stochastic analysis of jumps in insurance Sponsoring Association(s) # : BS	
	15:30	Organiser and Chair : <i>Yasutaka Shimizu</i>	
	15:40	Paper 1 : Some statistical estimation problems in ruin theory <i>Susan M. Pitts</i>	Abstract / Paper
	16:10	Paper 2 : On statistical inference for Levy-driven models <i>Hiroki Masuda</i>	Abstract / Paper
	16:40	Paper 3 : On the optimal dividend problem for jump-diffusions under fixed transaction costs <i>Jostein Paulsen</i>	Abstract / Paper
	17:10	Discussant(s) : <i>Hansjoerg Albrecher</i>	
	17:30	Open discussion	
IPS017 / 26 Aug 2013 [15:30 - 17:45]	Convention Hall A	Crime and statistics: A dangerous liaison? Issues, challenges and future directions Sponsoring Association(s) # : IAOS	
		Organiser : <i>Mario Palma Rojo</i>	
	15:30	Chair : <i>Eduardo Sojo Garza Aldape</i>	
	15:40	Paper 1 : The impact of victimisation on the daily activities of South Africans - A case study of the 2011 Victims of Crime Survey <i>Pali Lehohla</i>	Abstract / Paper
	16:00	Paper 2 : The evolving role of self-report surveys of criminal victimization in a system of statistics on crime and the administration of justice <i>James Patrick Lynch</i>	Abstract / Paper
	16:20	Paper 3 : Quantification of losses caused by delinquency in Ecuador <i>Yannira Chávez, Paul Medina, Patricia Cortez</i>	Abstract / Paper
	16:40	Paper 4 : To measure or not to measure. The Mexican case <i>Mario Palma Rojo</i>	Abstract / Paper
	17:00	Paper 5 : Using kernel methods to visualise crime data <i>Kieran Martin, Martin Ralphs</i>	Abstract / Paper
	17:20	Discussant(s) : <i>Angela Me</i>	
	17:35	Open discussion	
IPS018 / 26 Aug 2013 [15:30 - 17:45]	Theatre 2	Discrete choice experiments Sponsoring Association(s) # : ISBIS	
		Organiser : <i>Martina Vandebroek</i>	
	15:30	Chair : <i>Peter Goos</i>	
	15:40	Paper 1 : Incorporating analyst uncertainty in model specification and respondent processing strategies into efficient designs for logit models <i>John M. Rose, Michiel C.J. Bliemer</i>	Abstract / Paper
	16:10	Paper 2 : Design and analysis of discrete choice experiments for models with response time <i>William Li, Stefano Barone, Alberto Lombardo, Deqiang Zou</i>	Abstract / Paper
	16:40	Paper 3 : Designing for attribute-level best-worst choice experiments <i>Deborah J. Street, Stephanie Knox</i>	Abstract / Paper
	17:10	Discussant(s) : <i>Martina Vandebroek</i>	
17:30	Open discussion		
IPS019 / 26 Aug 2013 [15:30 - 17:45]	Room S421	Sources of influence in developing statistical literacy Sponsoring Association(s) # : IASE	
		Organiser : <i>James Robert Nicholson</i>	
	15:30	Chair : <i>Jim Ridgway</i>	

	15:40	Paper 1 : Statistical literacy and multivariate thinking <i>James Robert Nicholson, Jim Ridgway, Sean McCusker</i>	Abstract / Paper
	16:10	Paper 2 : Connected worlds: Statistical literacy in art, science, public health and social issues <i>Neil Lutsky</i>	Abstract / Paper
	16:40	Paper 3 : Emerging trends in data visualisation: Implications for producers of official statistics <i>Alan Smith</i>	Abstract / Paper
	17:10	Discussant(s) : <i>Pinar Ucar</i>	
	17:30	Open discussion	
IPS020 / 26 Aug 2013 [15:30 - 17:45]	Room S228	Model-assisted approaches to combining information from different surveys (survey data integration) Sponsoring Association(s) # : IASS	
	15:30	Organiser and Chair : <i>Jae Kwang Kim</i>	
	15:40	Paper 1 : Estimation of totals and regression parameters by combining data from independent surveys <i>J.N.K. Rao, Jae Kwang Kim</i>	Abstract / Paper
	16:15	Paper 2 : Improved estimation for June Area Survey incorporating several information <i>Zhengyuan Zhu, Jae Kwang Kim, Shu Yang</i>	Abstract / Paper
	16:50	Paper 3 : Composite calibration estimation integrating data from different surveys <i>Takis Merkouris</i>	Abstract / Paper
	17:25	Open discussion	
IPS021 / 26 Aug 2013 [15:30 - 17:45]	Room S428	Statistical reasoning in law Sponsoring Association(s) # : ISI	
	15:30	Organiser and Chair : <i>Qing Pan</i>	
	15:40	Paper 1 : Evidence evaluation for multivariate discrete data <i>Colin G.G. Aitken, Erica Gold</i>	Abstract / Paper
	16:10	Paper 2 : Evaluation of forensic evidence in DNA mixture using RMNE <i>Fan Xia, Wing K. Fung, Yuk-Ka Chung</i>	Abstract / Paper
	16:40	Paper 3 : Statistical issues in the measure of accuracy of narcotics dogs and their implications in legal cases <i>Joseph L. Gastwirth</i>	Abstract / Paper
	17:10	Discussant(s) : <i>James M. Curran</i>	
	17:30	Open discussion	
IPS022 / 27 Aug 2013 [09:00 - 11:15]	Room S428	Quantile regression - Recent development of theory and applications Sponsoring Association(s) # : BS, Youth Theme	
		Organiser : <i>Huixia Wang</i>	
	09:00	Chair : <i>Qing Pan</i>	
	09:10	Paper 1 : Variable selection in high-dimensional quantile varying coefficient models <i>Yanlin Tang, Huixia Judy Wang</i>	Abstract / Paper
	09:45	Paper 2 : Self-consistent estimation of censored quantile regression <i>Limin Peng</i>	Abstract / Paper
	10:20	Paper 3 : Estimation and testing of varying coefficients in quantile regression <i>Xingdong Feng, Liping Zhu</i>	Abstract / Paper
	10:55	Open discussion	
IPS023 / 27 Aug 2013 [09:00 - 11:15]	Room S228	Modernisation of business statistics Sponsoring Association(s) # : IAOS	
	09:00	Organiser and Chair : <i>Hannele Orjala</i>	
	09:10	Paper 1 : Identical variables in different business and trade-related statistics - A challenge for European statistics <i>Joachim Weisbrod, Mirjam Weber, Bjoern Witting</i>	Abstract / Paper
	09:40	Paper 2 : Building the statistical data warehouse to improve statistics	Abstract / Paper

		Harry Goossens	
	10:10	Paper 3 : Revision project of the business register and business statistics in Finland <i>Sami Saarikivi</i>	Abstract / Paper
	10:40	Discussant(s) : <i>Axel Behrens, Samia Zekaria Gutu</i>	
	11:00	Open discussion	
IPS024 / 27 Aug 2013 [09:00 - 11:15]	Theatre 2	Survey sampling: Advanced approaches in computational statistics Sponsoring Association(s) # : IASC	
	09:00	Organiser and Chair : <i>Alessandra Petrucci</i>	
	09:10	Paper 1 : Robust inference in two-phase sampling designs with application to unit nonresponse <i>David Haziza, Jean-François Beaumont, Cyril Favre-Martinoz</i>	Abstract / Paper
	09:40	Paper 2 : Spatial network sampling in small area estimation <i>Monica Pratesi, Roberto Benedetti, Stefano Marchetti, Federica Piersimoni</i>	Abstract / Paper
	10:10	Paper 3 : Doubly balanced spatial sampling with spreading and restitution of auxiliary totals <i>Yves Tillé, Anton Grafström</i>	Abstract / Paper
	10:40	Discussant(s) : <i>John L. Eltinge</i>	
	11:00	Open discussion	
IPS026 / 27 Aug 2013 [09:00 - 11:15]	Theatre 1	Statistical methods for analyzing financial data Sponsoring Association(s) # : ISI	
		Organiser : <i>Tian Zheng</i>	
	09:00	Chair : <i>Jae Kyung Woo</i>	
	09:10	Paper 1 : Matching quantiles estimation and selecting representative portfolios <i>Qiwei Yao, Nikolaos Sgouropoulos, Claudia Yastremiz</i>	Abstract / Paper
	09:45	Paper 2 : Sparse vector autoregressive modeling <i>Richard A. Davis, Pengfei Zang, Tian Zheng</i>	Abstract / Paper
	10:20	Paper 3 : Fast estimation of multiple-regime threshold autoregressive model <i>Chun Yip Yau, Chong Man Tang</i>	Abstract / Paper
	10:55	Open discussion	
IPS027 / 27 Aug 2013 [09:00 - 11:15]	Convention Hall B	Administrative censuses: Approaches when national population registers are not complete, or not available Sponsoring Association(s) # : IASS	
	09:00	Organiser and Chair : <i>Christine Mary Bycroft</i>	
	09:10	Paper 1 : Integrated rolling census <i>Luisa Burck, Dan Ben Hur</i>	Abstract / Paper
	09:35	Paper 2 : The new register-based census of Germany - A multiple source mixed mode approach <i>Sabine Bechtold</i>	Abstract / Paper
	10:00	Paper 3 : Beyond 2011 - A new paradigm for population statistics? <i>Peter Benton, Andy Teague, Alistair Calder, Jane Naylor</i>	Abstract / Paper
	10:25	Paper 4 : A Bayesian method for deriving population statistics from multiple imperfect data sources <i>John Bryant, Patrick Graham</i>	Abstract / Paper
	10:50	Discussant(s) : <i>Stephen Elliott Fienberg</i>	
	11:05	Open discussion	
IPS028 / 27 Aug 2013 [09:00 - 11:15]	Convention Hall C	Distributional inferences in statistics Sponsoring Association(s) # : ISI	
		Organiser : <i>Min-ge Xie</i>	
	09:00	Chair : <i>Regina Liu</i>	
	09:05	Paper 1 : Inference distributions for a parameter: Are they calibrated? <i>D.A.S. Fraser</i>	Abstract / Paper
	09:35	Paper 2 : Integrating confidence intervals, likelihoods and confidence distributions <i>Tore Schweder, Nils Lid Hjort</i>	Abstract / Paper

	10:05	Paper 3 : Dempster-Shafer recombination of confidence distributions <i>Jan Hannig, Min-ge Xie</i>	Abstract / Paper
	10:35	Discussant(s) : <i>Min-ge Xie, Thomas C.M. Lee</i>	
	11:05	Open discussion	
IPS029 / 27 Aug 2013 [13:00 - 15:15]	Convention Hall A	New advances in the design and analysis of experiments Sponsoring Association(s) # : BS	
	13:00	Organiser and Chair : <i>David Woods</i>	
	13:10	Paper 1 : A particle filter approach to Bayesian sequential design with a focus on model discrimination <i>James M. McGree, C.C. Drovandi, A.N. Pettitt</i>	Abstract / Paper
	13:40	Paper 2 : Analysis of computer experiments with qualitative and quantitative factors <i>Chunfang Devon Lin, Xinwei Deng</i>	Abstract / Paper
	14:10	Discussant(s) : <i>Susan Lewis</i>	
	14:30	Open discussion	
IPS030 / 27 Aug 2013 [13:00 - 15:15]	Convention Hall C	Inference for high dimensional data with low sample size Sponsoring Association(s) # : BS	
		Organiser : <i>Sungkyu Jung</i>	
	13:00	Chair : <i>Xingdong Feng</i>	
	13:10	Paper 1 : Effective PCA for high-dimensional data and its applications <i>Makoto Aoshima, Kazuyoshi Yata</i>	Abstract / Paper
	13:35	Paper 2 : A unified optimization framework for regularized multivariate analysis <i>Genevera I. Allen</i>	Abstract / Paper
	14:00	Paper 3 : Some inference problems for the spiked covariance matrix in the high dimensional context <i>Addy Bolivar-Cime, Victor Perez-Abreu</i>	Abstract / Paper
	14:25	Paper 4 : General consistency results of PCA in high dimension <i>Sungkyu Jung</i>	Abstract / Paper
	14:50	Open discussion	
IPS031 / 27 Aug 2013 [13:00 - 15:15]	Theatre 2	Computing in R with large data Sponsoring Association(s) # : IASC	
		Organiser : <i>George Ostrouchov</i>	
	13:00	Chair : <i>Alexandre Brouste</i>	
	13:10	Paper 1 : The YUIMA project: A computational framework for simulation and inference of stochastic differential equations <i>Stefano M. Iacus</i>	Abstract / Paper
	13:45	Paper 2 : Parspatstat: An R package for large-scale spatial analysis with parallel computing <i>Hao Yu, Jonathan S.W. Lee, Reg J. Kulperger</i>	Abstract / Paper
	14:20	Paper 3 : Distributed parallel clustering in R with large data <i>George Ostrouchov, Wei-Chen Chen</i>	Abstract / Paper
	14:55	Open discussion	
IPS032 / 27 Aug 2013 [13:00 - 15:15]	Room S421	Building on foundation courses in statistics for client disciplines Sponsoring Association(s) # : IASE	
		Organiser : <i>Brian Richard Phillips</i>	
	13:00	Chair : <i>Peter Petocz</i>	
	13:10	Paper 1 : Challenging the state of the art in post-introductory statistics: Preparation, concepts, and pedagogy <i>Nathan L. Tintle, Beth Chance, George Cobb, Allan Rossman, Soma Roy, Todd Swanson, Jill VanderStoep</i>	Abstract / Paper
	13:35	Paper 2 : Applied statistics for forensic psychology students <i>Denny H. Meyer, Brian Phillips *, Joanna Dipnall</i>	Abstract / Paper
	14:00	Paper 3 : Lessons from advanced statistics workshops for researchers in other disciplines <i>John Andrew Harraway</i>	Abstract / Paper

	14:25	Paper 4 : A second course in statistics <i>Jeffrey A. Witmer</i>	Abstract / Paper
	14:50	Discussant(s) : <i>Ayse Aysin Bilgin</i>	
	15:05	Open discussion	
IPS033 / 27 Aug 2013 [13:00 - 15:15]	Room S228	Matrix sampling, split-questionnaire: Design and estimation Sponsoring Association(s) # : IASS	
		Organiser : <i>Takis Merkouris</i>	
	13:00	Chair : <i>Sarah M. Nusser</i>	
	13:10	Paper 1 : Split questionnaire designs: Are they an efficient design choice? <i>David Steel, James O. Chipperfield, Margo L. Barr</i>	Abstract / Paper
	13:35	Paper 2 : Split questionnaire design for massive surveys <i>Feray Adiguzel, Michel Wedel</i>	Abstract / Paper
	14:00	Paper 3 : Split questionnaire design for panel surveys <i>Trivellore Eachambadi Raghunathan</i>	Abstract / Paper
	14:25	Paper 4 : Integration of matrix sampling and multiple-frame methodology <i>John L. Eltinge</i>	Abstract / Paper
	14:50	Discussant(s) : <i>Takis Merkouris</i>	
	15:05	Open discussion	
IPS034 / 27 Aug 2013 [15:30 - 17:45]	Theatre 1	Applied stochastic models in Business and Industry journal session Sponsoring Association(s) # : ISBIS	
		Organiser : <i>Fabrizio Ruggeri</i>	
	15:30	Chair : <i>David Banks</i>	
	15:40	Paper 1 : Component-based predictive and exploratory path modeling and multi-block data analysis <i>Vincenzo Esposito Vinzi, Laura Trinchera</i>	Abstract / Paper
	16:30	Discussant(s) : <i>Gilbert Saporta, Wynne W. Chin, Shirley Yvonne Coleman, Fabrizio Ruggeri</i>	
	17:30	Open discussion	
IPS035 / 27 Aug 2013 [13:00 - 15:15]	Room S428	Advances in generalized linear and nonlinear mixed model with environmental applications Sponsoring Association(s) # : TIES	
	13:00	Organiser and Chair : <i>Renjun Ma</i>	
	13:10	Paper 1 : Poisson nonlinear mixed models for dose-response curve data <i>Yanan Fan, R. Ma</i>	Abstract / Paper
	13:40	Paper 2 : Error controls in multiple testing under dependence <i>Youngjo Lee, Donghwan Lee</i>	Abstract / Paper
	14:10	Paper 3 : Analysis of water quality data using generalized linear model with multivariate non-normal random effects <i>Abdel El-Shaarawi</i>	Abstract / Paper
	14:40	Discussant(s) : <i>Quanxi Shao</i>	
	15:00	Open discussion	
IPS036 / 27 Aug 2013 [13:00 - 15:15]	Theatre 1	History II: Pierre Remond de Montmort, Thomas Bayes, and probability in China Sponsoring Association(s) # : ISI	
	13:00	Organiser and Chair : <i>Wai Keung Li</i>	
	13:10	Paper 1 : Après 1713: Bernoulli, Montmort et Waldegrave <i>David R. Bellhouse</i>	Abstract / Paper
	13:40	Paper 2 : A conjecture on why Bayes did not send off his essay <i>Kai Wang Ng</i>	Abstract / Paper
	14:10	Paper 3 : Transmission of probability theory into China <i>Man Keung Siu, Ko Wei Lih</i>	Abstract / Paper
	14:40	Discussant(s) : <i>Stephen M. Stigler</i>	
	15:00	Open discussion	

IPS037 / 27 Aug 2013 [15:30 - 17:45]	Theatre 2	Dependence in extremes Sponsoring Association(s) # : BS	
		Organiser : <i>Vicky Fasen</i>	
	15:30	Chair : <i>Mark Podolskij</i>	
	15:30	Paper 1 : Estimation of the marginal expected shortfall: The mean when a related variable is extreme <i>John H.J. Einmahl, Juan-Juan Cai, Laurens De Haan, Chen Zhou</i>	Abstract / Paper
	16:00	Paper 2 : Large deviations for empirical measures arising in importance sampling <i>Henrik Hult, Pierre Nyquist</i>	Abstract / Paper
	16:30	Paper 3 : The art of seeking hidden risks <i>Sidney I. Resnick</i>	Abstract / Paper
	17:00	Paper 4 : Hidden regular variation: Fine-tuning risk assessment <i>Bikramjit Das, Abhimanyu Mitra, Sidney Resnick</i>	Abstract / Paper
	17:30	Open discussion	
IPS038 / 27 Aug 2013 [15:30 - 17:45]	Room S421	Time use surveys - Experiences and perspectives for the future Sponsoring Association(s) # : IAOS	
		Organiser : <i>Bernd Stoertzbach</i>	
	15:30	Chair : <i>Sibylle von Oppeln-Bronikowski</i>	
	15:40	Paper 1 : German Time Use Survey 2012/13 <i>Anette Stuckemeier, Carola Kühnen</i>	Abstract / Paper
	16:05	Paper 2 : Experiences with the light-version time diary in Finland <i>Hannu Pääkkönen</i>	Abstract / Paper
	16:30	Paper 3 : Efforts to understand and improve response to the American Time Use Survey <i>Rachel Krantz-Kent</i>	Abstract / Paper
	16:55	Paper 4 : Collecting measures of subjective well-being in time use surveys <i>Layla Ricroch</i>	Abstract / Paper
	17:20	Discussant(s) : <i>Gemma Van Halderen</i>	
17:35	Open discussion		
IPS040 / 27 Aug 2013 [15:30 - 17:45]	Convention Hall C	Megaclasses in statistics education: A 360 degrees view Sponsoring Association(s) # : IASE	
		Organiser : <i>Irena Ograjenšek</i>	
	15:30	Chair : <i>Iddo Gal</i>	
	15:40	Paper 1 : Thirty five years of mega classes and still evolving <i>Jessica Utts</i>	Abstract / Paper
	16:05	Paper 2 : Learning statistics in an Australian mega-class - The view from students, lecturers and researchers <i>Peter Petocz</i>	Abstract / Paper
	16:30	Paper 3 : Dealing with megaclasses in an online environment <i>Kay Lipson</i>	Abstract / Paper
	16:55	Paper 4 : Megaclasses in statistics education: Establishing a research framework in a complex domain <i>Irena Ograjenšek, Iddo Gal</i>	Abstract / Paper
	17:20	Discussant(s) : <i>Chris J. Wild, Kazunori Yamaguchi</i>	
17:35	Open discussion		
IPS041 / 27 Aug 2013 [15:30 - 17:45]	Room S228	Rankings, use of ranks, and survey sampling Sponsoring Association(s) # : IASS	
		Organiser : <i>Tommy Wright</i>	
	15:30	Chair : <i>Martin Klein</i>	
	15:40	Paper 1 : An overview of some concepts for potential use in ranking populations based on sample survey data <i>Tommy Wright, Martin Klein, Jerzy Wieczorek</i>	Abstract / Paper
	16:10	Paper 2 : Ranking methods that address explicit goals <i>Thomas A. Louis</i>	Abstract / Paper
16:40	Paper 3 : Ranking methods for high-dimensional data	Abstract /	

		Peter Gavin Hall	Paper
	17:10	Discussant(s) : Yves Tillé	
	17:30	Open discussion	
IPS042 / 27 Aug 2013 [15:30 - 17:45]	Room S428	Recent advances in failure time data analysis Sponsoring Association(s) # : ISI	
		Organiser : Yanqing Sun	
	15:30	Chair : Kani Chen	
	15:40	Paper 1 : Joint analysis of bivariate longitudinal ordinal outcomes and competing risks survival times with nonparametric distributions for random effects <i>Ning Li, Robert M. Elashoff, Gang Li, Chi-Hong Tseng</i>	Abstract / Paper
	16:05	Paper 2 : Quantile regression in varying-coefficient models under length-biased sampling with right censoring <i>Yong Zhou, Xuerong Chen, Alan T.K. Wan</i>	Abstract / Paper
	16:30	Paper 3 : Testing mark-specific vaccine efficacy with missing marks <i>Yanqing Sun, Peter B. Gilbert</i>	Abstract / Paper
	16:55	Paper 4 : Estimating dependence in multivariate competing risks data <i>Thomas H. Scheike</i>	Abstract / Paper
	17:20	Discussant(s) : Xingqiu Zhao	
	17:35	Open discussion	
	IPS043 / 27 Aug 2013 [15:30 - 17:45]	Convention Hall A	Measuring the real size of the world economy: Methodological and quality improvements of the International Comparison Program (ICP) Sponsoring Association(s) # : ISI
15:30		Organiser and Chair : Michel Mouyelo-Katoula	
15:40		Paper 1 : Improved methods to estimate PPPs for ICP 2011 and possible impact on results <i>Frederic A. Vogel, Paul Konijn</i>	Abstract / Paper
16:05		Paper 2 : Quality assurance framework and enhanced data validation procedures for ICP price surveys <i>Nada Hamadeh, Majed Skaini</i>	Abstract / Paper
16:30		Paper 3 : GDP exhaustiveness, consistency, and methods of estimating GDP expenditure values in the context of international comparisons <i>Chellam Palanyandy, Kyung Sam Min, Michel Mouyelo-Katoula</i>	Abstract / Paper
16:55		Paper 4 : Improved PPP extrapolation approaches <i>Paul McCarthy, Nada Hamadeh</i>	Abstract / Paper
17:20		Discussant(s) : Oliver J.M. Chinganya	
17:35		Open discussion	
IPS044 / 28 Aug 2013 [09:00 - 11:15]	Convention Hall C	Recent advances in nonparametric and functional data analysis Sponsoring Association(s) # : IASC	
		Organiser : Ping Ma	
	09:00	Chair : Wenlin Dai	
	09:10	Paper 1 : Smoothing spline modeling via adaptive bases sampling <i>Ping Ma</i>	Abstract / Paper
	09:35	Paper 2 : Statistical inference for functional data via simultaneous confidence regions <i>Lijian Yang</i>	Abstract / Paper
	10:00	Paper 3 : Functional SIR and SAVE based on series expansion <i>Heng Lian</i>	Abstract / Paper
	10:25	Paper 4 : Testing for lack of fit in functional regression models <i>Valentin Patilea, Samuel Maistre</i>	Abstract / Paper
	10:50	Open discussion	
IPS045 / 28 Aug 2013 [09:00 - 11:15]	Theatre 2	Strategies and structures for student engagement and ownership in statistical learning Sponsoring Association(s) # : IASE	

		09:00	Organiser and Chair : Helen Louise MacGillivray	
		09:10	Paper 1 : Exam results and riots: Teaching sociology via authentic contemporary data <i>Jim Ridgway, James Nicholson, Sean McCusker</i>	Abstract / Paper
		09:35	Paper 2 : Student engagement in university statistics classes - A [recent] student's perspective <i>Will J.M. Probert</i>	Abstract / Paper
		10:00	Paper 3 : Engaging students in statistics education: Situated learning in statistics projects <i>Pieterneel S. Verhoeven</i>	Abstract / Paper
		10:25	Discussant(s) : <i>Tim Dunne, Bradley J. Payne</i>	
		10:55	Open discussion	
IPS046 / 28 Aug 2013 [09:00 - 11:15]	Theatre 1	ISBIS new researchers session Sponsoring Association(s) # : ISBIS, Youth Theme		
		Organiser : <i>Eric B. Laber</i>		
	09:00	Chair : <i>Hao Helen Zhang</i>		
	09:10	Paper 1 : Consistent cross-validation for tuning parameter selection in high-dimensional variable selection <i>Yang Feng, Yi Yu</i>	Abstract / Paper	
	09:40	Paper 2 : High dimensional hypothesis screening using P-value perturbation <i>Ali Shojaie, Moulinath Banerjee, George Michailidis</i>	Abstract / Paper	
	10:10	Paper 3 : Estimating optimal treatment regimes from a classification perspective <i>Baqun Zhang</i>	Abstract / Paper	
	10:40	Discussant(s) : <i>Eric B. Laber</i>		
11:00	Open discussion			
IPS047 / 28 Aug 2013 [09:00 - 11:15]	Convention Hall B	Developing statisticians through building the profession Sponsoring Association(s) # : ISI		
		Organiser : <i>Ron Wasserstein</i>		
	09:00	Chair : <i>John Pullinger</i>		
	09:10	Paper 1 : Comparing codes of conduct/ethics across societies, and their relevance to professional statisticians <i>David Morganstein, Daniel Levine</i>	Abstract / Paper	
	09:40	Paper 2 : Professional accreditation and continuing professional development <i>Roeland Beerten</i>	Abstract / Paper	
	10:10	Paper 3 : Communication about professional statisticians within and outside the profession: Key messages to key audiences <i>Nicholas I. Fisher</i>	Abstract / Paper	
	10:40	Discussant(s) : <i>Ron Wasserstein</i>		
11:00	Open discussion			
IPS048 / 28 Aug 2013 [09:00 - 11:15]	Room S421	Statistical methods for climate problems Sponsoring Association(s) # : Youth Theme		
		Organiser : <i>Mikyoungh Jun</i>		
	09:00	Chair : <i>Zhengyuan Zhu</i>		
	09:10	Paper 1 : Uncertainty quantification and climate model experiments <i>Stephan R. Sain</i>	Abstract / Paper	
	09:40	Paper 2 : The significance of wind on the multivariate time series modelling of algal bloom dynamics <i>Gilbert Lui, Wai Keung Li, Kenneth M.Y. Leung, Joseph H.W. Lee</i>	Abstract / Paper	
	10:10	Paper 3 : A framework for spatiotemporal stochastic weather simulation <i>William Kleiber</i>	Abstract / Paper	
	10:40	Discussant(s) : <i>Mikyoungh Jun</i>		
11:00	Open discussion			
IPS049 /	Room S228	Data visualization for youth appeal		

28 Aug 2013 [09:00 - 11:15]		Sponsoring Association(s) # : IASE, Youth Theme	
		Organiser : Will J.M. Probert	
	09:00	Chair : Sharleen Denise Forbes Introduction : Erniel B. Barrios	
	09:10	Paper 1 : Seeing is believing? <i>Kate Richards, Neville Davies, Gamma Parkinson, Dominic Martignetti</i>	Abstract / Paper
	09:40	Paper 2 : On visualising our way around road blocks <i>Chris J. Wild</i>	Abstract / Paper
	10:10	Paper 3 : Data visualisation and statistics from the future <i>Theodosia Prodromou</i>	Abstract / Paper
	10:40	Discussant(s) : Erniel B. Barrios	
	11:00	Open discussion	
IPS050 / 28 Aug 2013 [09:00 - 11:15]	Room S428	Statistical methods in new frontiers Sponsoring Association(s) # : Youth Theme	
		Organiser : Wenxuan Zhong	
	09:00	Chair : Tiejun Tong	
	09:10	Paper 1 : A constrained mixed effects model based on semilinear differential equation for cell polarity signaling in tip growth of pollen tubes <i>Xinping Cui, Zhen Xiao, Nicolas Brunel, Zhenbiao Yang</i>	Abstract / Paper
	09:40	Paper 2 : Empirical Bayes variable selection using iterative conditional modes/medians <i>Dabao Zhang, Vitara Pungpapong, Min Zhang</i>	Abstract / Paper
	10:10	Paper 3 : Design and analysis for computer experiments with both qualitative and quantitative variables <i>Jianfeng Yang, Hengzhen Huang, Dennis K.J. Lin, Min-Qian Liu</i>	Abstract / Paper
	10:40	Discussant(s) : Xiaodan Fan	
11:00	Open discussion		
IPS052 / 28 Aug 2013 [09:00 - 11:15]	Room S225	High dimensional methods for bioinformatics and genetics Sponsoring Association(s) # : Youth Theme	
		Organiser : Inchi Hu	
	09:00	Chair : Tian Zheng	
	09:10	Paper 1 : Copy number haplotype inference with Hidden Markov Model and localized haplotype clustering <i>Wen-Ping Hsieh, Yen-Jen Lin</i>	Abstract / Paper
	09:40	Paper 2 : Systems biology approach to analysis of cancer heterogeneity <i>Seiya Imoto</i>	Abstract / Paper
	10:10	Paper 3 : A classification method incorporating interactions among variables for high-dimensional data <i>Maggie Haitian Wang, Shaw-Hwa Lo, Tian Zheng, Inchi Hu</i>	Abstract / Paper
	10:40	Discussant(s) : Inchi Hu	
11:00	Open discussion		
IPS053 / 28 Aug 2013 [09:00 - 11:15]	Room S423	Novel statistical designs of clinical trials Sponsoring Association(s) # : ENAR(IBS), Youth Theme	
		Organiser : Benjamin French	
	09:00	Chair : Benny Chung-Ying Zee	
	09:15	Paper 1 : A novel rank test for bivariate outcomes where one is a surrogate <i>Pamela A. Shaw, Michael P. Fay</i>	Abstract / Paper
	09:45	Paper 2 : Statistical design and data monitoring for personalized medicine interventions <i>Benjamin French, Jungnam Joo, Nancy L. Geller, Stephen E. Kimmel, Jonas H. Ellenberg</i>	Abstract / Paper
	10:15	Paper 3 : Clinical trial designs for testing biomarker-based personalized therapies <i>Mei-Chiung Shih, Tze Leung Lai, Philip W. Lavori, Branimir I. Sikic</i>	Abstract / Paper
	10:45	Discussant(s) : Guosheng Yin	

	11:00	Open discussion	
IPS054 / 28 Aug 2013 [13:00 - 15:15]	Convention Hall B	Statistical methods in genetics studies Sponsoring Association(s) # : ENAR(IBS), Youth Theme	
		Organiser : Rui Feng	
	13:00	Chair : Heping Zhang	
	13:10	Paper 1 : Statistical methods for detection and analysis of copy number variations <i>Ning Hao, Yue Selena Niu, Heping Zhang</i>	Abstract / Paper
	13:35	Paper 2 : Association mapping of complex diseases: Gene-gene and gene-environment interactions <i>Iryna Lobach</i>	Abstract / Paper
	14:00	Paper 3 : Test of parent-of-origin effects in family studies <i>Rui Feng, Yinghua Wu, Gun Ho Jang, Jose M. Ordovas, Donna Arnett</i>	Abstract / Paper
	14:25	Paper 4 : Meta-analysis of correlated traits using summary statistics from GWAS <i>Xiaofeng Zhu, Tao Feng</i>	Abstract / Paper
	14:50	Open discussion	
IPS055 / 28 Aug 2013 [13:00 - 15:15]	Theatre 1	Nonlinear financial time series modeling Sponsoring Association(s) # : IASC	
		Organiser : Philip Leung Ho Yu	
	13:00	Chair : Wai Sum Chan	
	13:10	Paper 1 : COMFORT-CClass: A common market factor non-Gaussian returns model <i>Marc S. Paolella, Pawel Polak</i>	Abstract / Paper
	13:35	Paper 2 : Bayesian unit root test in double threshold heteroskedastic models <i>Cathy W.S. Chen, Shu-Yu Chen, Sangyeol Lee</i>	Abstract / Paper
	14:00	Paper 3 : Subsampling Inference in threshold ARMA models <i>Muyi Li, Dong Li</i>	Abstract / Paper
	14:25	Paper 4 : Bayes factors for assessing dynamic quantile forecasts <i>Richard Gerlach, Cathy W.S. Chen</i>	Abstract / Paper
	14:50	Discussant(s) : Wai Keung Li	
15:05	Open discussion		
IPS056 / 28 Aug 2013 [13:00 - 15:15]	Convention Hall A	Youthful science: Statistical learning in high dimensions Sponsoring Association(s) # : ISBIS, Youth Theme	
		Organiser : Ejaz S. Ahmed	
	13:00	Chair : Lilia Leticia Ramirez	
	13:10	Paper 1 : Text mining <i>David Banks</i>	Abstract / Paper
	13:40	Paper 2 : Low-rank approximations and weighted low-rank approximations: An application to statistical genetics <i>Paulo Canas Rodrigues</i>	Abstract / Paper
	14:10	Paper 3 : Calibrated shrinkage ridge estimation for high dimensional data analysis <i>Ejaz S. Ahmed, Xiaoli Gao</i>	Abstract / Paper
	14:40	Discussant(s) : Eric B. Laber	
	15:00	Open discussion	
IPS057 / 28 Aug 2013 [13:00 - 15:15]	Convention Hall C	Statistical challenges in astronomy Sponsoring Association(s) # : BS	
	13:00	Organiser and Chair : Bodhisattva Sen	
	13:10	Paper 1 : Big data in observational astronomy <i>G. Jogesh Babu</i>	Abstract / Paper
	13:35	Paper 2 : Estimating the number and location of structural breaks in astrophysical source populations <i>Thomas C.M. Lee</i>	Abstract / Paper
	14:00	Paper 3 : Wavelet spectral analysis for irregularly sampled astronomical time series <i>Debashis Mondal, Donald B. Percival</i>	Abstract / Paper

	14:25	Paper 4 : The impact of the new astrostatistics on the development and future of statistics <i>Joseph M. Hilbe</i>	Abstract / Paper
	14:50	Open discussion	
IPS058 / 28 Aug 2013 [13:00 - 15:15]	Theatre 2	Postgraduate students' session Sponsoring Association(s) # : Youth Theme	
		Organiser : <i>Byeong Uk Park</i>	
	13:00	Chair : <i>Delia Elizabeth North</i>	
	13:10	Paper 1 : Inferential problems for a Y-linked gene branching model with blind choice <i>Cristina Gutiérrez Pérez, Miguel González Velasco, Rodrigo Martínez Quintana</i>	Abstract / Paper
	13:20	Paper 2 : Surname diversity in the UK <i>Fiona McElduff</i>	Abstract / Paper
	13:30	Paper 3 : Graphical augmentations to the funnel plot assess the impact of additional evidence on a meta-analysis <i>Dean Langan, Julian P.T. Higgins, Walter Gregory, Alexander J. Sutton</i>	Abstract / Paper
	13:40	Paper 4 : Quantifying the uncertainty of changepoints in time series <i>Christopher Fu Ho Nam, John A.D. Aston</i>	Abstract / Paper
	13:50	Paper 5 : A data-adaptive principal component analysis <i>Yaeji Lim, Hee-Seok Oh</i>	Abstract / Paper
	14:00	Paper 6 : Functional linear regression for functional response via sparse basis selection <i>Kyunghee Han, Hyejin Shin</i>	Abstract / Paper
	14:10	Paper 7 : Pattern-mixture model of the Cox proportional hazards model with missing binary covariates <i>Tae-Mi Youk, Juwon Song</i>	Abstract / Paper
	14:20	Paper 8 : Building location and dispersion models for experiments with nested plot structure <i>Po-Hsu Chen, Shao-Wei Cheng</i>	Abstract / Paper
	14:30	Paper 9 : Optimal sample size allocation for accelerated degradation test <i>I-Chen Lee, Sheng-Tsaing Tseng</i>	Abstract / Paper
	14:40	Paper 10 : Modelling HIV progression using multistate Markov models <i>Tarylee Reddy, Henry Mwambi</i>	Abstract / Paper
	14:50	Paper 11 : Common components to construct biplots for three mode data <i>Darryn Williams, Sugnet Lubbe</i>	Abstract / Paper
		15:00	Open discussion
IPS059 / 28 Aug 2013 [13:00 - 15:15]	Room S421	Learning to teach and assess statistics at the tertiary level Sponsoring Association(s) # : IASE, Youth Theme	
	13:00	Organiser and Chair : <i>Bruno de Sousa</i>	
	13:10	Paper 1 : Developing statistics inferential concepts in introductory courses <i>Stephanie C. Budgett, Maxine Pfannkuch</i>	Abstract / Paper
	13:40	Paper 2 : Discovering profundity in what we initially thought was obvious and simple <i>Tim Dunne, Tim Low</i>	Abstract / Paper
	14:10	Paper 3 : Balancing nature, nurture, experience and training in learning to teach statistics in higher education <i>Helen Louise MacGillivray</i>	Abstract / Paper
	14:40	Discussant(s) : <i>Jennifer J. Kaplan</i>	
	15:00	Open discussion	
IPS060 / 26 Aug 2013 [09:00 - 11:15]	Room S427	Developing undergraduate curricula for statistical workplaces now and future Sponsoring Association(s) # : IASE, Youth Theme	
	09:00	Organiser and Chair : <i>Chris J. Wild</i>	
	09:10	Paper 1 : On broadening statistics curricula <i>Deborah Nolan</i>	Abstract / Paper

	09:40	Paper 2 : Training undergraduates for successful employment in a changing environment <i>Murray Cameron, Stephen Bush</i>	Abstract / Paper
	10:10	Paper 3 : Statistical curricula development at the University of Hong Kong <i>Philip Leung Ho Yu, Wai Keung Li</i>	Abstract / Paper
	10:40	Discussant(s) : <i>Helen Louise MacGillivray</i>	
	11:00	Open discussion	
IPS061 / 28 Aug 2013 [13:00 - 15:15]	Room S428	Statistical analysis in educational assessment Sponsoring Association(s) # : Youth Theme	
	13:00	Organiser and Chair : <i>Zhiliang Ying</i>	
	13:10	Paper 1 : Statistical moderation in high stakes examinations in Hong Kong: Statistical, political and educational Issues <i>Kit-Tai Hau</i>	Abstract / Paper
	13:35	Paper 2 : Making computerized adaptive testing a diagnostic tool <i>Hua-Hua Chang</i>	Abstract / Paper
	14:00	Paper 3 : Some models and procedures for cognitive diagnosis modeling <i>Jimmy de la Torre</i>	Abstract / Paper
	14:25	Paper 4 : Data-driven learning of Q-matrix with applications to educational testing <i>Jingchen Liu</i>	Abstract / Paper
	14:50	Open discussion	
IPS062 / 28 Aug 2013 [15:30 - 17:45]	Convention Hall C	Malliavin calculus and applications Sponsoring Association(s) # : BS	
	15:30	Organiser and Chair : <i>Arturo Kohatsu-Higa</i>	
	15:40	Paper 1 : Asymptotic expansion methods for stochastic processes and their applications to statistics and finance <i>Nakahiro Yoshida</i>	Abstract / Paper
	16:30	Paper 2 : Stein's method with Malliavin calculus <i>Ivan Nourdin</i>	Abstract / Paper
	17:20	Open discussion	
IPS063 / 28 Aug 2013 [15:30 - 17:45]	Theatre 2	Network modeling in biological, computer, public health, and social sciences Sponsoring Association(s) # : IASC	
	15:30	Organiser and Chair : <i>Herbert Pang</i>	
	15:40	Paper 1 : Statistical models for social networks <i>Philippa E. Pattison, Garry L. Robins, Peng Wang</i>	Abstract / Paper
	16:05	Paper 2 : Modelling and comparing protein interaction networks using subgraph counts <i>Charlotte M. Deane, Tiago Rito, Gesine Reinert</i>	Abstract / Paper
	16:30	Paper 3 : Inferring biological networks from genomics data <i>Hongyu Zhao</i>	Abstract / Paper
	16:55	Paper 4 : Utilization of neural network for disease forecasting <i>Oyas Wahyunggoro, Adhistya Erna Permanasari, Ahmad Chamsudin</i>	Abstract / Paper
	17:20	Discussant(s) : <i>David Banks</i>	
	17:35	Open discussion	
IPS064 / 28 Aug 2013 [15:30 - 17:45]	Convention Hall B	The challenge from web panel surveys Sponsoring Association(s) # : IASS	
		Organiser : <i>Jörgen Svensson</i>	
	15:30	Chair : <i>Inger Eklund</i>	
	15:40	Paper 1 : Web panels for official statistics? <i>Jelke Bethlehem, Fannie Cobben</i>	Abstract / Paper
	16:10	Paper 2 : A standard with quality indicators for web panel surveys: A Swedish example <i>Mats Nyfjäll</i>	Abstract / Paper
	16:40	Paper 3 : Web panel surveys – Can they be designed and used in a scientifically sound way?	Abstract / Paper

		Jörgen Svensson	
	17:10	Discussant(s) : <i>Paul Philip Biemer</i>	
	17:30	Open discussion	
IPS065 / 28 Aug 2013 [15:30 - 17:45]	Room S421	Random probability measures and their applications Sponsoring Association(s) # : BS, Youth Theme	
		Organiser : <i>Ramsés H. Mena</i>	
	15:30	Chair : <i>Jes Frellsen</i>	
	15:40	Paper 1 : Multiresolution Gaussian processes <i>Emily B. Fox, David B. Dunson</i>	Abstract / Paper
	16:05	Paper 2 : Optimal filtering and the dual process <i>Matteo Ruggiero, Omiros Papaspiliopoulos</i>	Abstract / Paper
	16:30	Paper 3 : Hitting distributions of stable processes via path censoring and self-similarity <i>Juan Carlos Pardo Millan</i>	Abstract / Paper
	16:55	Paper 4 : Convex minorants of random walks and Lévy processes <i>Gerónimo Uribe Bravo</i>	Abstract / Paper
	17:20	Discussant(s) : <i>Ramsés H. Mena</i>	
	17:35	Open discussion	
IPS066 / 28 Aug 2013 [15:30 - 17:45]	Convention Hall A	Careers in analytics Sponsoring Association(s) # : Youth Theme	
		Organiser : <i>Larry Li</i>	
	15:30	Chair : <i>Philip Reschke</i>	
	15:40	Paper 1 : A career in analytics - How far do you want to go? <i>Song Er Hiok</i>	Abstract / Paper
	16:00	Paper 2 : A necessary tool and skill in bank risk management: SAS and its applications in Basel modeling lab <i>Yu Yong</i>	Abstract / Paper
	16:20	Paper 3 : Use analysis to make change in a traditional industry <i>Nanxiang Gao</i>	Abstract / Paper
	16:40	Paper 4 : Analytic melody in banking <i>Long Yu</i>	Abstract / Paper
	17:00	Paper 5 : Market research and analysis using the SAS system <i>Mo Zheng</i>	Abstract / Paper
	17:20	Open discussion	
IPS068 / 28 Aug 2013 [15:30 - 17:45]	Room S228	Promoting statistics to youth through the International Statistical Literacy Project Sponsoring Association(s) # : IASE, Youth Theme	
	15:30	Organiser and Chair : <i>Reija Helenius</i>	
	15:40	Paper 1 : Promoting statistics to youth through the International Statistical Literacy Project <i>Sharleen Denise Forbes, Pedro Campos, Reija Helenius</i>	Abstract / Paper
	16:05	Paper 2 : Statistics under 21 <i>Marina Peci</i>	Abstract / Paper
	16:30	Paper 3 : Statistics are interesting - How do we get youngsters inspired? <i>Katri Johanna Soinne</i>	Abstract / Paper
	16:55	Paper 4 : Radical statistics: Teachers and students on the highwire <i>Bruno de Sousa, Dulce Gomes, Regina Bispo, Elisa Duarte</i>	Abstract / Paper
	17:20	Discussant(s) : <i>Pedro Campos</i>	
	17:35	Open discussion	
	IPS069 / 28 Aug 2013 [15:30 - 17:45]	Room S428	Improving statistics teaching: Bringing statisticians and educators together Sponsoring Association(s) # : IASE
		Organiser : <i>Maxine Pfannkuch</i>	
15:30		Chair : <i>Chris J. Wild</i>	

	15:40	Paper 1 : New perspectives: A statistician and a statistics educator discuss the lessons learned from cross disciplinary sojourns <i>Jennifer J. Kaplan, Vincent Melfi</i>	Abstract / Paper
	16:05	Paper 2 : Good practice in using statistics in statistics education research <i>Gemma Parkinson, Neville Davies</i>	Abstract / Paper
	16:30	Paper 3 : Working together to improve statistics education: A research collaboration case study <i>Maxine Pfannkuch, Chris J. Wild</i>	Abstract / Paper
	16:55	Paper 4 : The role of external speakers (working statisticians) in the higher education statistics classroom <i>Shirley Yvonne Coleman</i>	Abstract / Paper
	17:20	Discussant(s) : <i>Manfred Borovcnik</i>	
	17:35	Open discussion	
IPS070 / 29 Aug 2013 [09:00 - 11:15]	Theatre 1	Recent developments in nonparametric statistics on manifolds with applications to biology, medical imaging and machine vision Sponsoring Association(s) # : BS	
		Organiser : <i>Rabi Bhattacharya</i>	
	09:00	Chair : <i>Wilfrid S. Kendall</i>	
	09:10	Paper 1 : The structure of space and long term behaviour of Fréchet means <i>Huiling Le</i>	Abstract / Paper
	09:40	Paper 2 : (Semi-)intrinsic statistical analysis on stratified spaces <i>Stephan F. Huckemann</i>	Abstract / Paper
	10:10	Paper 3 : Nonparametric density estimation on manifolds with applications to shape analysis <i>Abhishek Bhattacharya</i>	Abstract / Paper
	10:40	Discussant(s) : <i>Victor M. Panaretos</i>	
	11:00	Open discussion	
IPS071 / 29 Aug 2013 [09:00 - 11:15]	Convention Hall C	Quality in official statistics Sponsoring Association(s) # : IAOS	
	09:00	Organiser and Chair : <i>Iva Ritschelová</i>	
	09:10	Paper 1 : Influence of governance issues on the quality of official statistics <i>Edvard Outrata</i>	Abstract / Paper
	09:25	Paper 2 : Quality improvement of administrative registers statistically exploited to generate the indicator-based decision-making system in the State of Yucatan, Mexico <i>Federico Segui, Amparo Ballivian, Indu John-Abraham, Alejandro Medina, Julio Ortegón, Ignacio Romero</i>	Abstract / Paper
	09:40	Paper 3 : Quality assurance of official statistics in Hong Kong <i>Ka Lin Chan</i>	Abstract / Paper
	09:55	Paper 4 : The policeman and the statistician - On the quality of the raw data in official statistics <i>Anton Färnström</i>	Abstract / Paper
	10:10	Discussant(s) : <i>Ineke Stoop</i>	
	10:40	Open discussion	
IPS072 / 29 Aug 2013 [09:00 - 11:15]	Convention Hall A	International contrasts in educational frameworks for teaching statistics to non-specialists Sponsoring Association(s) # : IASE	
	09:00	Organiser and Chair : <i>John Andrew Harraway</i>	
	09:10	Paper 1 : Changing educational framework in the transition to new educational standards at Russian universities of life science and their impact on the teaching of statistics <i>Lyman McDonald, Galina Kamyshova</i>	Abstract / Paper
	09:40	Paper 2 : Teaching statistics to non-specialists in Mainland China <i>Wei Yuan</i>	Abstract / Paper
	10:10	Paper 3 : The assessment of statistics learning by large-scale standardized tests: some evidences in the Italian primary and secondary education	Abstract / Paper

	10:40	Discussant(s) : <i>Tim Dunne</i>	
	11:00	Open discussion	
IPS073 / 29 Aug 2013 [09:00 - 11:15]	Room S421	Response to natural disasters Sponsoring Association(s) # : IASS	
		Organiser : <i>Gary Dunnet</i>	
	09:00	Chair : <i>Christine Mary Bycroft</i>	
	09:10	Paper 1 : Managing the impact of floods in Eastern Australia on Australian official statistics <i>Paul Schubert, Evrim Aydin Saher</i>	Abstract / Paper
	09:35	Paper 2 : Floods in Pakistan 2010 and 2011 <i>Muhammad Akram Janjua</i>	Abstract / Paper
	10:00	Paper 3 : The impact of the great East Japan earthquake on the labor market and industrial production in the disaster-stricken prefectures <i>Isao Takabe, Minoru Nogimori, Tomohiko Inui</i>	Abstract / Paper
	10:25	Paper 4 : Managing the effect of a disaster on official statistics <i>Gary Roger Dunnet, Richard Penny</i>	Abstract / Paper
	10:50	Discussant(s) : <i>Len W. Cook</i>	
	11:05	Open discussion	
IPS074 / 29 Aug 2013 [09:00 - 11:15]	Theatre 2	Experimental design in industry and business Sponsoring Association(s) # : ISBIS	
	09:00	Organiser and Chair : <i>Roshan Joseph Vengazhiyil</i>	
	09:10	Paper 1 : Mixture experiments: From D- to I-optimality <i>Peter Goos, Bradley Jones, Utami Syafitri</i>	Abstract / Paper
	09:45	Paper 2 : Designed experiments for semi-parametric models and functional data with a case-study in tribology <i>David Woods, Christopher J. Marley, Susan M. Lewis</i>	Abstract / Paper
	10:20	Paper 3 : Constrained optimal experimental design <i>Lulu Kang</i>	Abstract / Paper
	10:55	Open discussion	
IPS075 / 29 Aug 2013 [09:00 - 11:15]	Room S228	The business of weather and agriculture Sponsoring Association(s) # : ISBIS	
	09:00	Organiser and Chair : <i>David Banks</i>	
	09:10	Paper 1 : Non-linear statistical models to improve wind power forecasts <i>Pilar Muñoz, Josep A. Sánchez-Espigares, Dolores M. Márquez</i>	Abstract / Paper
	09:40	Paper 2 : Composite likelihood approach for multivariable spatio-temporal processes <i>Ryan H.L. Ip, Wai Keung Li</i>	Abstract / Paper
	10:10	Paper 3 : Improved point scale simulated climate projections for use in crop modelling <i>Philip Nicholas Kokic</i>	Abstract / Paper
	10:40	Discussant(s) : <i>Aerambamoorthy Thavaneswaran</i>	
	11:00	Open discussion	
IPS076 / 29 Aug 2013 [13:00 - 15:15]	Convention Hall C	Recent developments in asymptotic statistics of stochastic processes Sponsoring Association(s) # : BS	
	13:00	Organiser and Chair : <i>Hiroki Masuda</i>	
	13:10	Paper 1 : Threshold estimation for stochastic differential equations with jumps <i>Yasutaka Shimizu</i>	Abstract / Paper
	13:35	Paper 2 : A test for the rank of the volatility process: The random perturbation approach <i>Mark Podolskij, Jean Jacod</i>	Abstract / Paper
	14:00	Paper 3 : Discriminant analysis for stochastic differential equations based on sampled data <i>Masayuki Uchida</i>	Abstract / Paper
	14:25	Paper 4 : On ADF goodness of fit tests for stochastic	Abstract /

		processes <i>Yury A. Kutoyants</i>	Paper
	14:50	Open discussion	
IPS077 / 29 Aug 2013 [13:00 - 15:15]	Theatre 2	Credit risk Sponsoring Association(s) # : BS	
	13:00	Organiser and Chair : <i>Nicolas Privault</i>	
	13:10	Paper 1 : Utility maximization for a defaultable security with discrete monitoring <i>Jun Sekine</i>	Abstract / Paper
	13:35	Paper 2 : A double HMM approach to Altman Z-scores and credit ratings <i>Tak Kuen Siu, Robert J. Elliott, Eric S. Fung</i>	Abstract / Paper
	14:00	Paper 3 : Bayesian analysis of structure credit risk models with micro-structure noises and jump diffusion <i>Hoi Ying Wong, Sau-Lung Chan, Kwok-Wah Ho</i>	Abstract / Paper
	14:25	Paper 4 : Price formation in limit order markets with bilateral trading agreements <i>Martin D. Gould, Nikolaus Hautsch, Mason A. Porter, Stacy Williams, Mark McDonald, Daniel J. Fenn, Sam D. Howison</i>	Abstract / Paper
	14:50	Open discussion	
IPS078 / 29 Aug 2013 [13:00 - 15:15]	Room S421	Towards an integrated statistical system of social accounts Sponsoring Association(s) # : IAOS	
		Organiser : <i>Lichun Zhang</i>	
	13:00	Chair : <i>Olav Ljones</i>	
	13:10	Paper 1 : Macro-integration techniques to reconcile labour market statistics from different sources <i>Nino Mushkudiani, Jacco Daalmans, Jeroen Pannekoek</i>	Abstract / Paper
	13:40	Paper 2 : Quality assessment in systems with registers and sample surveys <i>Anders Wallgren, Britt Wallgren</i>	Abstract / Paper
	14:10	Paper 3 : Microdata integration for labour account <i>Pernille Stender, Thomas Thorsen</i>	Abstract / Paper
	14:40	Discussant(s) : <i>Lichun Zhang</i>	
15:00	Open discussion		
IPS079 / 29 Aug 2013 [13:00 - 15:15]	Room S228	Analysis of distributional data Sponsoring Association(s) # : IASC	
	13:00	Organiser and Chair : <i>Paula Brito</i>	
	13:10	Paper 1 : Analysis of distribution valued data using techniques of FDA <i>Masahiro Mizuta</i>	Abstract / Paper
	13:40	Paper 2 : Clustering in contemporary mixed-valued data <i>Lynne Billard, Jaejik Kim</i>	Abstract / Paper
	14:10	Paper 3 : A hierarchical conceptual clustering based on the quantile method for mixed feature-type data <i>Manabu Ichino, Paula Brito</i>	Abstract / Paper
	14:40	Discussant(s) : <i>Edwin Diday</i>	
15:00	Open discussion		
IPS080 / 29 Aug 2013 [13:00 - 15:15]	Room S428	New developments in small area estimation and applications Sponsoring Association(s) # : IASS	
		Organiser : <i>Mike A. Hidioglou</i>	
	13:00	Chair : <i>J.N.K. Rao</i>	
	13:10	Paper 1 : Benchmarking and design-consistency in small area estimation <i>Parthasarathi Lahiri</i>	Abstract / Paper
	13:40	Paper 2 : An outlier robust block bootstrap for small area estimation <i>Ray Chambers, Payam Mokhtarian</i>	Abstract / Paper
	14:10	Paper 3 : A review of poverty mapping procedures <i>Isabel Molina, J.N.K. Rao</i>	Abstract / Paper
	14:40	Discussant(s) : <i>Graham Kalton</i>	
15:00	Open discussion		

IPS081 / 29 Aug 2013 [13:00 - 15:15]	Room S225	Statistical methods in educational evaluation Sponsoring Association(s) # : Youth Theme	
	13:00	Organiser and Chair : <i>Maria Eugénia Ferrão</i>	
	13:10	Paper 1 : Additional samples with overlapping and balancing conditions: Theoretical aspects and application to students' assessment data <i>Thierry Rocher, Marc Christine</i>	Abstract / Paper
	13:35	Paper 2 : Using Item Response Mixed (IRM) models to improve the comparability of educational assessment scores <i>Tufi Machado Soares</i>	Abstract / Paper
	14:00	Paper 3 : Item Response Theory (IRT) and large scale learning assessment in Brazil <i>Ruben Klein</i>	Abstract / Paper
	14:25	Paper 4 : England's multilevel model based value-added school league tables: Measuring and communicating statistical uncertainty to parents <i>George Leckie</i>	Abstract / Paper
	14:50	Discussant(s) : <i>Henry Braun</i>	
	15:05	Open discussion	
	IPS082 / 29 Aug 2013 [13:00 - 15:15]	Theatre 1	GIS and census Sponsoring Association(s) # : IAOS
13:00		Organiser and Chair : <i>Stephen K.C. Leung</i>	
13:05		Paper 1 : Planning for the future, building on decades of success: The role of geospatial data at the Census Bureau <i>Michael R. Ratcliffe</i>	Abstract / Paper
13:25		Paper 2 : Application of GIS in the 2011 Australian Census and thoughts for 2016 <i>Alister Donald Nairn</i>	Abstract / Paper
13:45		Paper 3 : Exploring and monitoring change in educational level on national, regional and city level <i>Katja Vilkkama, Marja Tammilehto-Luode</i>	Abstract / Paper
14:05		Paper 4 : Did the dream become reality? Twenty five years of using GIS for census analysis <i>Derek Bond</i>	Abstract / Paper
14:25		Discussant(s) : <i>Frederick W.H. Ho</i>	
14:45		Open discussion	
IPS085 / 30 Aug 2013 [09:00 - 11:15]	Convention Hall B	Transforming national statistics offices through information management Sponsoring Association(s) # : IAOS	
		Organiser : <i>Siu-Ming Tam</i>	
	09:00	Chair : <i>Gary Dunnet</i>	
	09:05	Paper 1 : Plug and play statistical components - The cornerstone for future proofing Australia's statistical systems <i>Frank Pun Ki Yu, Gillian Nicoll, Michael Meagher</i>	Abstract / Paper
	09:30	Paper 2 : Information management as tool for standardisation in statistics <i>Barteld Braaksma, Kees Zeelenberg</i>	Abstract / Paper
	09:55	Paper 3 : Innovate or perish - Italy's Stat2015 modernisation programme <i>Emanuele Baldacci</i>	Abstract / Paper
	10:20	Paper 4 : New ways of working on the collaboration platform of the Government Statistical Service of Hong Kong, China <i>Anthony S.K. Mak</i>	Abstract / Paper
	10:45	Paper 5 : ABS iPhone App - The way of the future? <i>David Sullivan</i>	Abstract / Paper
	10:55	Discussant(s) : <i>Walter Josef Radermacher</i>	
	11:10	Open discussion	
	IPS086 / 30 Aug 2013 [09:00 - 11:15]	Convention Hall A	Benchmarking in classification research Sponsoring Association(s) # : IASC, IFCS
		Organiser : <i>Iven Van Mechelen</i>	

	09:00	Chair : Paula Brito	
	09:15	Paper 1 : Measurement of quality in cluster analysis <i>Christian Hennig</i>	Abstract / Paper
	09:45	Paper 2 : Resampling methods for exploring cluster stability <i>Friedrich Leisch</i>	Abstract / Paper
	10:15	Paper 3 : The role and nature of simulation studies in evaluating approaches to cluster analysis <i>Douglas Steinley</i>	Abstract / Paper
	10:45	Paper 4 : Stimulating benchmarking in classification research: A challenge taken up by the International Federation of Classification Societies <i>Iven Van Mechelen</i>	Abstract / Paper
	11:05	Open discussion	
IPS087 / 30 Aug 2013 [09:00 - 11:15]	Convention Hall C	Analytic inference for data from complex surveys Sponsoring Association(s) # : IASS	
		Organiser : <i>Jean D. Opsomer</i>	
	09:00	Chair : <i>Emily J. Berg</i>	
	09:10	Paper 1 : Testing for informativeness in analytic inference from complex survey data <i>Jean D. Opsomer, F. Jay Breidt, Wade Herndon, Ricardo Cao, Mario Francisco Fernández</i>	Abstract / Paper
	09:35	Paper 2 : Fitting models to complex survey data accounting for nonignorable sampling and nonresponse <i>Danny Pfeffermann, Moshe Feder</i>	Abstract / Paper
	10:00	Paper 3 : Rank tests with data from a complex survey <i>Alastair John Scott, Thomas Lumley</i>	Abstract / Paper
	10:25	Paper 4 : Testing of parametric models fitted to high-dimensional contingency tables using complex survey data <i>Chris J. Skinner, Irini Moustaki</i>	Abstract / Paper
	10:50	Open discussion	
IPS088 / 30 Aug 2013 [09:00 - 11:15]	Theatre 2	Implementation of Core Skills Framework (CSF) for training official statisticians Sponsoring Association(s) # : IAOS	
		Organiser : <i>Davaasuren (Suren) Chultemjants</i>	
	09:00	Chair : <i>Margarita Guerrero</i>	
	09:10	Paper 1 : Training official statisticians in India <i>TCA Anant</i>	Abstract / Paper
	09:40	Paper 2 : Training official statistician in Africa <i>Innocent Ngalinda, Albina Andrew Chuwa</i>	Abstract / Paper
	10:10	Paper 3 : Training statisticians: Experience of the Russian Federation <i>Alexander Surinov</i>	Abstract / Paper
	10:40	Discussant(s) : <i>Arukatti Patabandige Gamini S De Silva, Gervacio G Selda Jr</i>	
	11:00	Open discussion	
IPS089 / 30 Aug 2013 [09:00 - 11:15]	Room S421	Recent advances in statistical machine learning and its biomedical applications Sponsoring Association(s) # : ISI	
		Organiser : <i>Yufeng Liu</i>	
	09:00	Chair : <i>Lulu Kang</i>	
	09:10	Paper 1 : Machine learning methods for individualizing real-time treatment policies <i>Susan A. Murphy, Richard S. Sutton</i>	Abstract / Paper
	09:35	Paper 2 : Joint estimation of multiple dependent Gaussian graphical models <i>Yufeng Liu, Yuying Xie, William Valdar</i>	Abstract / Paper
	10:00	Paper 3 : Genetic association test based on nonparametric stratification of propensity scores <i>Heping Zhang, Yaji Xu, Chi Song, Yuan Jiang</i>	Abstract / Paper
	10:25	Paper 4 : Clustering and classification of metagenomes with sequence features	Abstract / Paper

		Xuegong Zhang	
	10:50	Open discussion	
IPS090 / 30 Aug 2013 [09:00 - 11:15]	Room S228	Recent developments in imputation Sponsoring Association(s) # : IASS	
	09:00	Organiser and Chair : Yves Tillé	
	09:10	Paper 1 : Handling nonignorable nonresponse using generalized calibration with latent variables <i>M. Giovanna Ranalli, Alina Matei, Andrea Neri</i>	Abstract / Paper
	09:40	Paper 2 : Hot deck imputation for multivariate missing data <i>Jae-Kwang Kim, Wayne A. Fuller</i>	Abstract / Paper
	10:10	Paper 3 : Balanced k-nearest neighbor imputation <i>Caren Hasler, Yves Tillé</i>	Abstract / Paper
	10:40	Discussant(s) : Phillip S. Kott	
	11:00	Open discussion	
IPS091 / 30 Aug 2013 [09:00 - 11:15]	Room S428	Statistics in finance and the service sector Sponsoring Association(s) # : ISBIS	
	09:00	Organiser and Chair : Yves-Laurent Grize	
	09:10	Paper 1 : Cross-country interaction of business cycles in statistical modeling of economic growth <i>Elena V. Zarova</i>	Abstract / Paper
	09:40	Paper 2 : Statistical quality techniques for the service sector <i>Fugee Tsung, Jian Li</i>	Abstract / Paper
	10:10	Paper 3 : Generalized Brownian - Laplace processes and financial modeling <i>Jose K.K. Kanichukattu</i>	Abstract / Paper
	10:40	Discussant(s) : Alan Karr	
	11:00	Open discussion	
IPS092 / 30 Aug 2013 [09:00 - 11:15]	Theatre 1	Some perspectives on comparative statistical inference Sponsoring Association(s) # : ISI	
		Organiser : Francisco J. Samaniego	
	09:00	Chair : D.A.S. Fraser	
	09:10	Paper 1 : Principles of statistical inference <i>Nancy Reid, David Cox</i>	Abstract / Paper
	09:40	Paper 2 : Confidence, likelihood, probability <i>Nils Lid Hjort, Tore Schweder</i>	Abstract / Paper
	10:10	Paper 3 : Bayesian vs. "classical" estimation in practice <i>Francisco J. Samaniego</i>	Abstract / Paper
	10:40	Discussant(s) : David Banks	
	11:00	Open discussion	
IPS093 / 26 Aug 2013 [09:00 - 11:15]	Theatre 2	Latest development and issue of government statistics Sponsoring Association(s) # : ISI	
		Organiser : Yipin Xu	
	09:00	Chair : Zude Xian	
	09:10	Paper 1 : Challenges encountered in developing new area of official statistics in Hong Kong <i>Leslie Wai-Kong Tang</i>	Abstract / Paper
	09:40	Paper 2 : Implications of the financial and economic crisis on the European statistical system <i>Konrad Pesendorfer</i>	Abstract / Paper
	10:10	Paper 3 : Main changes in the official statistical production process of China <i>Ronghua Xu</i>	Abstract / Paper
	10:40	Discussant(s) : Paul Cheung	
	11:00	Open discussion	
IPS094 / 27 Aug 2013 [09:00 - 11:15]	Room S421	Future of the population census Sponsoring Association(s) # : ISI	
	09:00	Organiser and Chair : Nailin Feng	
	09:10	Paper 1 : The 2010 round of population and housing censuses: A global review	Abstract / Paper

		Keiko Osaki Tomita	
	09:40	Paper 2 : Future of the population census <i>C. Chandramouli</i>	Abstract / Paper
	10:10	Paper 3 : Future developments on the Canadian Census of Population <i>Marc Hamel, Yves Béland</i>	Abstract / Paper
	10:40	Discussant(s) : <i>Paul Cheung</i>	
	11:00	Open discussion	
IPS095 / 26 Aug 2013 [15:30 - 17:45]	Convention Hall C	Measuring the development and well-being of societies Sponsoring Association(s) # : ISI	
		Organiser : <i>Leslie Wai-Kong Tang</i>	
	15:30	Chair : <i>Zhi-Ming Ma</i>	
	15:40	Paper 1 : Measuring the development and well-being of societies <i>Paul Cheung</i>	Abstract / Paper
	16:10	Paper 2 : The study of analyzing digital divide with data mining technique and setting up the cloud-platform to improve it <i>Ben-Chang Shia</i>	Abstract / Paper
	16:40	Paper 3 : Well-being indicators in Hong Kong <i>Osbert W.Y. Wang</i>	Abstract / Paper
	17:10	Discussant(s) : <i>Vanessa Pek Fong Kong</i>	
	17:30	Open discussion	
IPS096 / 29 Aug 2013 [09:00 - 11:15]	Room S428	Some progresses on probability theory Sponsoring Association(s) # : ISI	
		Organiser : <i>Xiangzhong Fang</i>	
	09:00	Chair : <i>Fuzhou Gong</i>	
	09:10	Paper 1 : Strong law of large numbers of some models related to branching processes <i>Yanxia Ren</i>	Abstract / Paper
	09:35	Paper 2 : Hitting time distributions for denumerable birth and death processes <i>Yong-Hua Mao, Yu Gong, Chi Zhang</i>	Abstract / Paper
	10:00	Paper 3 : Generalized Dyson Brownian motion, McKean-Vlasov equation and eigenvalues of random matrices <i>Xiangdong Li</i>	Abstract / Paper
	10:25	Paper 4 : Strong law of larger numbers for capacities <i>Zengjing Chen</i>	Abstract / Paper
	10:50	Open discussion	
IPS097 / 27 Aug 2013 [15:30 - 17:45]	Room S225	Statistical analysis of complex data Sponsoring Association(s) # : ISI	
		Organiser : <i>Weihu Cheng</i>	
	15:30	Chair : <i>Zhi Geng</i>	
	15:40	Paper 1 : Empirical likelihood for estimating equations with nonignorable missing data <i>Niansheng Tang, Puying Zhao, Hongtu Zhu</i>	Abstract / Paper
	16:05	Paper 2 : Analyzing longitudinal data with informative observation and terminal event times <i>Liuquan Sun</i>	Abstract / Paper
	16:30	Paper 3 : Estimating a unitary effect summary based on combined survival and quantitative <i>Huazhen Lin, Yi Li, Ming T. Tan</i>	Abstract / Paper
	16:55	Paper 4 : Generalized semiparametric latent variable models for analyzing multidimensional and mixed mode data <i>Xinyuan Song</i>	Abstract / Paper
	17:20	Open discussion	
IPS101 / 28 Aug 2013 [15:30 - 17:45]	Theatre 1	Special invited panel on career development Sponsoring Association(s) # : Youth Theme	
	15:30	Organiser and Chair : <i>Byeong Uk Park</i>	
	15:40	Paper 1 : Business analytics and big data: What do statisticians need to succeed?	Abstract / Paper

		Robert N. Rodriguez	
	16:20	Paper 2 : What is expected from future statisticians for them to adapt to the future of the profession? <i>Jef L. Teugels</i>	Abstract / Paper
	17:00	Discussant(s) : <i>Jing Shyr, Kai Wang Ng</i>	
	17:30	Open discussion	
IPS102 / 29 Aug 2013 [13:00 - 15:15]	Convention Hall B	How can the statistics community help its younger members in the early stages of their careers? Sponsoring Association(s) # : ISI	
	13:00	Organiser and Chair : <i>Penelope Lois Bidgood</i>	
	13:10	Paper 1 : Mentoring of professional statisticians under auspices of accredited statistical program: Example of Statistical Society of Canada (SCC) <i>Judy-Anne W. Chapman</i>	Abstract / Paper
	13:40	Paper 2 : Mentoring and development of government statisticians: Experiences as a senior government official and parent <i>Cynthia Z.F. Clark</i>	Abstract / Paper
	14:10	Paper 3 : Panel discussion entitled "Listening to the needs of young mentees: a forum in honour of Martha Aliaga's mentoring work" <i>Helen Louise MacGillivray</i>	Abstract / Paper
	14:50	Discussant(s) : <i>Jennifer Vanessa Freeman, Stephanie Budgett, Le Thi Thanh Loan, Awa Thiongane</i>	
	15:00	Open discussion	
IPS103 / 26 Aug 2013 [15:30 - 17:45]	Convention Hall B	IARIW-session on the measurement of well-being Sponsoring Association(s) # : ISI	
		Organiser : <i>Peter van de Ven</i>	
	15:30	Chair : <i>Andrew Sharpe</i>	
	15:40	Paper 1 : How's life and the measurement of well-being <i>Martine Durand</i>	Abstract / Paper
	16:05	Paper 2 : Recent and future developments related to "GDP and beyond" <i>Walter Josef Radermacher</i>	Abstract / Paper
	16:30	Paper 3 : Measuring national well-being - A UK perspective <i>Glenn James Everett</i>	Abstract / Paper
	16:55	Paper 4 : Measurement of quality of life and well being in France: The drivers for subjective well being <i>Philippe Cuneo, Fabrice Lengart, Claire Plateau</i>	Abstract / Paper
	17:20	Discussant(s) : <i>Milorad Kovacevic</i>	
17:35	Open discussion		
IPS104 / 27 Aug 2013 [13:00 - 15:15]	Convention Hall B	Research, collaborations, and opportunities at the international level: A panel discussion Sponsoring Association(s) # : ISI	
	13:00	Organiser and Chair : <i>Vijay N. Nair</i>	
	13:10	Paper 1 : Panel discussion <i>Zhi-Ming Ma</i>	Abstract / Paper
	13:10	Paper 2 : Panel discussion <i>Bimal Roy</i>	Abstract / Paper
	13:10	Paper 3 : Panel discussion <i>Ron Wasserstein</i>	Abstract / Paper
	14:40	Open discussion	
IPS105 / 30 Aug 2013 [13:00 - 15:15]	Room S228	The diversity of biometry Sponsoring Association(s) # : IBS	
	13:00	Organiser and Chair : <i>Clarice Garcia Borges Demétrio</i>	
	13:10	Paper 1 : Spatiotemporal modeling to measure the effects of mutations and selection pressures <i>Hirohisa Kishino, Teruaki Watabe, Reiichiro Nakamichi, Shuichi Kitada</i>	Abstract / Paper
	13:40	Paper 2 : Nonlinear mixed models for disease incidence	Abstract /

		and severity: Modeling plant diseases in tropical crops <i>Raúl Edgardo Macchiavelli</i>	Paper
	14:10	Paper 3 : Statistical methodology for the 2012 U.S. Census of Agriculture <i>Linda J. Young, Andrea C. Lamas, Denise A. Abreu, Shu Wang, Daniel Adrian</i>	Abstract / Paper
	14:40	Discussant(s) : <i>Lynne Billard</i>	
	15:00	Open discussion	
IPS106 / 27 Aug 2013 [09:00 - 11:15]	Convention Hall A	Big data Sponsoring Association(s) # : ISI	
		Organiser : <i>Bin Yu</i>	
	09:00	Chair : <i>Xuming He</i>	
	09:10	Paper 1 : What is the big deal about big data? <i>Vijay N. Nair</i>	Abstract / Paper
	09:35	Paper 2 : Massive weather (re)forecast data: Challenges and opportunities for statisticians <i>Tilmann Gneiting</i>	Abstract / Paper
	10:00	Paper 3 : Big data and complex modeling challenges in astronomy and solar physics <i>David A. van Dyk</i>	Abstract / Paper
	10:25	Paper 4 : Statistical techniques for big data optimization <i>Tong Zhang</i>	Abstract / Paper
	10:50	Open discussion	
IPS107 / 30 Aug 2013 [13:00 - 15:15]	Theatre 2	The UN fundamental principles of official statistics - Applicability and implementation Sponsoring Association(s) # : ISI	
	13:00	Organiser and Chair : <i>Hallgrímur Snorrason</i>	
	13:10	Paper 1 : Panel discussion <i>Paul Cheung</i>	Abstract / Paper
	13:10	Paper 2 : Panel discussion <i>Olav Ljones</i>	Abstract / Paper
	13:10	Paper 3 : Panel discussion <i>Carmelita Nuguid Ericta</i>	Abstract / Paper
	13:10	Paper 4 : Panel discussion <i>Mario Palma Rojo</i>	Abstract / Paper
	14:40	Open discussion	
IPS108 / 30 Aug 2013 [13:00 - 15:15]	Room S421	Sharing data, code and publications - Making research reproducible Sponsoring Association(s) # : ISI	
	13:00	Organiser and Chair : <i>Murray Cameron</i>	
	13:10	Paper 1 : The reproducible research movement in statistics <i>Victoria Stodden</i>	Abstract / Paper
	13:25	Paper 2 : Data partnerships for major research challenges <i>Ron Sandland</i>	Abstract / Paper
	13:40	Paper 3 : Why data availability is such a hard problem <i>Alan F. Karr</i>	Abstract / Paper
	13:55	Paper 4 : Open access, open data and scholarly publishing <i>Kathryn D. Sharples</i>	Abstract / Paper
	14:10	Paper 5 : International support for data openness and transparency <i>Misha V. Belkindas, Eric V. Swanson</i>	Abstract / Paper
	14:25	Open discussion	
IPS109 / 30 Aug 2013 [13:00 - 15:15]	Room S428	The Higgs Boson: Statistical issues in weighing the evidence Sponsoring Association(s) # : ISI	
	13:00	Organiser and Chair : <i>David Banks</i>	
	13:10	Paper 1 : The lattice QCD problem of particle physics and its statistical architecture <i>Nozer D. Singpurwalla</i>	Abstract / Paper
	13:40	Paper 2 : An MCMC based solution to the QCD problem of particle physics <i>Joshua Landon</i>	Abstract / Paper

	14:10	Paper 3 : The assessment of evidence in the discovery of a Higgs Boson <i>David A. van Dyk</i>	Abstract / Paper
	14:40	Discussant(s) : <i>Mounir Mesbah</i>	
	15:00	Open discussion	
IPS110 / 28 Aug 2013 [15:30 - 17:45]	Room S225	Developing a master sampling frame for integrated agricultural and rural surveys Sponsoring Association(s) # : ISI	
	15:30	Organiser and Chair : <i>Naman Keita</i>	
	15:40	Paper 1 : Using satellite imagery and geo-referencing technology for building a master sampling frame <i>Elisabetta Carfagna</i>	Abstract / Paper
	16:15	Paper 2 : Indirect sampling as a general approach for defining unbiased sampling strategies for integrated agricultural surveys <i>Pietro Gennari, Piero Demetrio Falorsi, Clara Aida Khalil</i>	Abstract / Paper
	16:50	Paper 3 : Development of a master sampling frame for agricultural and rural statistics: The experience of Ethiopia <i>Aberash Tariku Abaye</i>	Abstract / Paper
	17:25	Open discussion	
IPS111 / 29 Aug 2013 [09:00 - 11:15]	Convention Hall B	Memorial session: Remembering G.E.P. Box, J. Durbin, C. L. Kincannon and K. Singh Sponsoring Association(s) # : ISI	
		Organiser : <i>Vijay N. Nair</i>	
	09:00	Chair : <i>Marc Hallin</i>	
	09:10	Paper 1 : George Box: The legacy of an 'Accidental Statistician' <i>Bovas Abraham</i>	Abstract / Paper
	09:35	Paper 2 : Jim Durbin – A statistician on a world stage <i>Denise Lievesley</i>	Abstract / Paper
	10:00	Paper 3 : Charles Louis Kincannon – Career civil servant and official statistician <i>Cynthia Z.F. Clark</i>	Abstract / Paper
	10:25	Paper 4 : Kesar Singh: Reminiscences of a talented statistician <i>Regina Liu</i>	Abstract / Paper
	10:50	Open discussion	
IPS112 / 30 Aug 2013 [13:00 - 15:15]	Room S225	Statistical inference – An unresolved issue in statistics education Sponsoring Association(s) # : ISI	
		Organiser : <i>Manfred Borovcnik</i>	
	13:00	Chair : <i>John Andrew Harraway</i>	
	13:10	Paper 1 : Informal inferential reasoning: A computer-based training environment <i>Joachim Engel, Tim Erickson</i>	Abstract / Paper
	13:35	Paper 2 : The role of statistical inference in teaching and achievement of students <i>Ramesh Kapadia</i>	Abstract / Paper
	14:00	Paper 3 : Teaching statistical inference from multiple perspectives integrating diverging schools of inference <i>Ödön Vancsó</i>	Abstract / Paper
	14:25	Paper 4 : A comparative educational study of statistical inference <i>Manfred Borovcnik</i>	Abstract / Paper
	14:50	Discussant(s) : <i>Maxine Pfannkuch</i>	
	15:05	Open discussion	
IPS113 / 30 Aug 2013 [13:00 - 15:15]	Theatre 1	Insurance and financial risks: Actuarial science approaches Sponsoring Association(s) # : ISI	
		Organiser : <i>Kai Wang Ng</i>	
	13:00	Chair : <i>Kam Chuen Yuen</i>	
	13:10	Paper 1 : Risk measures with applications to actuarial premiums and insurance solvency	Abstract / Paper

		<i>Marc J. Goovaerts, Daniël Linders</i>	
	13:35	Paper 2 : Sequential testing revisited: Linking statistics and ruin theory <i>Hansjoerg Albrecher, Peiman Asadi, Jevgenijs Ivanovs</i>	Abstract / Paper
	14:00	Paper 3 : Measuring herd behavior in stock markets <i>Jan Dhaene, Daniël Linders, Wim Schoutens</i>	Abstract / Paper
	14:25	Paper 4 : A mixture model approach to operational risk management <i>Sheldon X. Lin, Lan Gong, Andrei Badescu</i>	Abstract / Paper
	14:50	Discussant(s) : <i>Hans U. Gerber, Hailiang Yang</i>	
	15:10	Open discussion	
IPS114 / 27 Aug 2013 [15:30 - 17:45]	Convention Hall B	International Year of Statistics and Karl Pearson Lecture Sponsoring Association(s) # : ISI	
	15:30	Organiser and Chair : <i>Jae Chang Lee</i>	
	15:30	Paper 1 : Special presentation about The International Year of Statistics 2013 <i>Ron Wasserstein</i>	Abstract / Paper
	16:30	Paper 2 : Karl Pearson Lecture: Statistical issues in modern scientific research <i>Peter McCullagh</i>	Abstract / Paper
	17:30	Open discussion	

* The first author in the list is the presenting author unless an asterisk is used to indicate the presenting author.

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