

10.30–11.00 **Registration**

11.00–11.10 **Opening of the Conference**

11.10–12.00 **Invited Lecture** (Hall 1)

Chair: Andrej Blejec

1. **Embedding astronomical computer models into principled statistical analyses**
David A. van Dyk

12.00–12.20 **Break**

12.20–13.40 **Developments in Statistics** (Hall 1)

Chair: David A. van Dyk

1. **Symbolic covariance matrix for interval-valued data**
Katarina Košmelj, Jennifer Le-Rademacher and Lynne Billard
2. **Adapting a classification rule to changes of distributions using unlabelled recent data**
Vera Hofer
3. **Check plots in field breeding experiments**
Stanislaw F. Mejza and Iwona Mejza
4. **Multivariate statistical process control for mixed-type data based on Gower distance**
Gaj Vidmar and Neža Majdič

13.40–15.00 **Lunch**

15.00–16.20 **Mathematical Statistics** (Hall 1)

Chair: Damjan Škulj

1. **Optimal unbiased estimates for $P\{X < Y\}$**
Marko Obradović, Bojana Milošević and Milan Jovanović
2. **Transmuted generalized Pareto distribution**
Faton Merovci
3. **Alpha-skew generalized t distribution**
Sukru Acitas, Birdal Senoglu and Olcay Arslan
4. **Random search of stable member in a matrix polytope**
Vakif Dzhafarov, Taner Buyukkoroglu and Serife Yilmaz

15.00–16.20 **Modeling and Simulation** (Hall 2)

Chair: Gaj Vidmar

1. **Bivariate models for time series of counts**
Miroslav Ristić, Aleksandar Nastić and Predrag Popović
2. **Assessing the model performance of nonparametric fuzzy local polynomial regression with different bandwidth selection methods**
Memmedaga Memmedli and Munevvere Yildiz

3. Conceptual model of perceived quality of insurance services: structural equation model application

Urban Šebjan and Polona Tominc

4. A comparison of the recent ridge parameters in modeling GDP of Turkey

Yasin Asar, Andan Karaibrahimoglu and Aşir Genç

16.20–16.40 **Break**

16.40–17.40 **Education I (Hall 1)**

Chair: Lara Lusa

1. Team teaching with student: completion of experimental study

Jerneja Šifrer, Zala Žvab and Matevž Bren

2. Issues and challenges of statistical literacy and statistics education in the higher education

Peter Kovacs

3. AFRICA, Managing Statistics

Mohamadu Sani

16.40–18.00 **Sampling Techniques and Data Collection (Hall 2)**

Chair: Katarina Košmelj

1. Data collection on prevalence and patterns of drug use among general Slovene population

Katja Rostohar and Darja Lavtar

2. The effect of sample size and weighting procedures on final estimators of health indicators

Metka Zaletel, Katja Rostohar, Aleš Korosec and Darja Lavtar

3. Regional input-output tables for the Czech Republic

Jaroslav Sixta, Lenka Hudrlikova and Jakub Fischer

4. Estimation in adaptive cluster sampling using auxiliary information

Muhammad Noor-ul-amin

19.00 **Reception**

9.10–10.00 **Invited Lecture** (Hall 1)

Chair: Janez Stare

1. **Clustered data inference when the cluster size is potentially informative**
Somnath Datta

10.00–10.20 **Break**

10.20–11.40 **Social Science Methodology** (Hall 1)

Chair: Somnath Datta

1. **Statistical approach to environmental impacts analysis: the case of greenhouse gas emissions**
Žiga Kotnik, Maja Klun and Damjan Škulj
2. **Use of different reliability and validity methods**
Jerneja Šifrer and Matevž Bren
3. **Underlying patterns in the profile: a multidimensional scaling approach to profile analysis.**
Patrik P. Bratkovič
4. **Measuring and visualizing change in cross-sectional time series**
Aleš Žiberna

11.40–12.00 **Break**

12.00–13.00 **Measurement** (Hall 1)

Chair: Aleš Žiberna

1. **Application of discriminant analysis and multinomial logistic regression in investigation of regional disparities in Serbia**
Valentina T. Sokolovska and Emilija Nikolić-Djorić
2. **The forward search algorithm and confirmatory factor analysis**
Aleš Toman
3. **Vernon versus Carroll: confirmatory evidence about the structure of intellectual abilities from higher education standardized tests in Costa Rica**
Eiliana Montero-Rojas

12.00–13.20 **Education II** (Hall 2)

Chair: Andrej Blejec

1. **House of cards: a mixed-methods study on why behavioral science students fail or succeed an introductory statistics course**
Floryt Van Wesel and Jan B. Hoeksma
2. **Motivation for learning statistics using SPSS. A case study at the Faculty of Organizational Sciences, University of Maribor**
Alenka Brezavšček, Petra Šparl and Anja Žnidaršič

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3. An integrative approach to teaching statistics in social sciences: the example of EU political space

Jaro Lajovic

4. Are results of university entrance-exams in Israel good predictors of success in B.A. programs?

Tal Shahor, Nissim Ben David and Tavor Tchai

13.00–14.30 **Lunch**

14.30 **Excursion**

9.10–10.00 **Invited Lecture** (Hall 1) *Chair: Vasja Vehovar*

1. **Choosing mode of data collection for surveys to maximize data quality**
Jon Krosnick

10.00–10.20 **Break**

10.20–11.20 **Biostatistics and Bioinformatics I** (Hall 1) *Chair: Jon Krosnick*

1. **Analysing disease recurrence with missing at risk information**
Tomaž Štupnik and Maja Pohar Perme
2. **Effect of informative censoring on net survival estimates**
Anamarija Rebolj Kodre and Maja Pohar Perme
3. **Methods of tied events handling in Cox proportional hazard model**
Jadwiga Borucka

11.20–11.40 **Break**

11.40–12.40 **Biostatistics and Bioinformatics II** (Hall 1) *Chair: Janez Stare*

1. **Gaussian moralized reciprocal graph modeling for genomic data integration**
Carel F.W. Peeters, Wessel N. van Wieringen and Mark A. van de Wiel
2. **Detecting gene-longevity association using bivariate survival and genetic data.**
Alexander Begun, Andrea Icks and Guido Giani
3. **Boosting high-dimensional classifiers**
Rok Blagus and Lara Lusa

12.40–15.00 **Lunch**

15.00–16.00 **Biostatistics and Bioinformatics III** (Hall 1) *Chair: Delphine Maucort-Boulch*

1. **Fractal Dimension of the Stochastic Hybrid Lee-Carter Mortality Model**
Andrzej Szymanski, Agnieszka Rossa and Leslaw Socha
2. **Early stroke recovery efficacy: a mathematical model**
Lavoslav Čaklović and Miljenka Jelena Jurašić
3. **Local estimation of standardized incidence ratio applied to Slovenian cancer data**
Tina Žagar, Vesna Zadnik and Maja Primic Žakelj

16.00–16.20 **Break**

16.20–17.40 **Statistical Applications - Biostatistics I** (Hall 1) *Chair: Anamarija Rebolj*

1. **Predicting basal metabolic rate using multiple longitudinal anthropometric measurements**
Siti Haslinda Mohd Din and Emmanuel Lesaffre

2. **Indirect treatment comparisons in meta-analysis of clinical trials of antiepileptic drugs used as add-on therapy**
Igor Locatelli, Urban Bernat and Mitja Kos
3. **Dynamic graph generation from MS Excel using R: an implementation based on SVG and shiny**
Črt Ahlin and Lara Lusa
4. **cartHD: R package for the estimation and validation of classification trees with binary outcomes**
Lara Lusa and Rok Blagus

9.30–10.50 **Econometrics** (Hall 1)

Chair: *Mihael Perman*

1. **Robust standard errors for panel data: a general framework**
Giovanni Millo
2. **Insurance industry and stochastic scenario**
Dario Galdieri
3. **An estimate of the degree of interconnectedness between European regions**
Davide Fiaschi and Angela Parenti
4. **Are funding of pensions and economic growth directly linked? New empirical results for some OECD countries**
Pietro Cavallini, Gaetano Carmeci and Giovanni Millo

9.30–10.50 **Statistical Applications - Biostatistics II** (Hall 2)

Chair: *Gregor Gorjanc*

1. **Woody vegetation structure on land abandoned from agricultural production in South Europe**
Andreja Radović, Thomas Wrбка, Kiril Vassilev and Vassiliki Kati
2. **Different methods for handling non-Gaussian longitudinal outcome subject to potentially random dropout**
Ali Satty
3. **The new mixture distribution models for wind speeds**
Murat Erisoglu, Ulku Erisoglu, Aydin Karakoca and Serkan Akogul
4. **Statistical fit of empirical distributions to GPS derived animal movement data**
Robert Mutwiri, Thomas Achia, Henry Mwambi, Rob Slotow and Vanak Vanak

10.50–11.10 **Break**

11.10–12.30 **Design of Experiments** (Hall 1)

Chair: *Rok Blagus*

1. **Regular A-optimal spring balance weighting designs under special assumptions on errors**
Bronisław Ceranka and Małgorzata Graczyk
2. **SSD populations – statistical characteristics and practical approach in grain legumes**
Maria Surma, Tadeusz Adamski, Zygmunt Kaczmarek, Anetta Kuczynska, Karolina Kryskowiak and Stanislaw F. Mejza
3. **Evaluation of parental forms on the basis of series of unreplicated experiments with their hybrids and standard varieties**
Zygmunt Kaczmarek, Elzbieta Adamska, Iwona Mejza, Henryk Wos and Renata Trzeciak
4. **Multiple one-way ANCOVA when the distributions of both the covariates and the error terms are non-normal**
Pelin Kasap and Birdal Senoglu

WEDNESDAY, September 25, 2013

12.30–12.50 **Closing of the Conference**

13.00–14.00 **Lunch**

14.00–18.00 **Workshop** (Hall 1)

1. **Bayesian computation with INLA**
Thiago G. Martins