

10.30–11.00 **Registration**

11.00–11.10 **Opening of the Conference**

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

Chair: Janez Stare

1. **Every Missing not at Random Model for Incomplete Data Has Got a Missing at Random Counterpart with Equal Fit** *Geert Molenberghs, Michael G. Kenward, Geert Verbeke, Caroline Beunckens and Cristina Sotto*

12.00–12.20 **Break**

12.20–13.40 **Biostatistics and Bioinformatics I** (Hall 1) *Chair: Geert Molenberghs*

1. **Pseudo-Observations in Survival Analysis** *Maja Pohar Perme and Per Kragh Andersen*
2. **An Overview of Closed Form Methods for the Analysis of Clustered Data** *Yasemin Genç, Derya Öztuna, Selcen Yüksel and Can Ateş*
3. **Statistical Tools for Basic Research in Agro-Homeopathy** *Maurizio Brizzi and Lucietta Betti*
4. **Composite Interval Mapping and Skew-Normal Distribution** *Elisabete B. Fernandes, António Pacheco and Carlos Penha-Gonçalves*

12.20–13.20 **Canonical Correlation Analysis** (Hall 2)

Chair: Anuška Ferligoj

1. **Effects of Data Categorization on Canonical Correlation Analysis: A Simulation Study** *Matjaž Širca, Špela Jezernik and Boris Cergol*
2. **The Impact of Missing Values on the Stability of Canonical Correlation Analysis Results: Simulations Using ESS Data** *Rok Platinovšek, Rok Okorn and Nejc Berzelak*
3. **Canonical Correlation Analysis: Influence of Different Methods on Treatments of Missing Values on Simulated Data** *Nina Klenovšek, Sebastjan Kočar, Romana Štokelj and Aleš Toman*

13.40–15.00 **Lunch**

15.00–16.20 **Biostatistics and Bioinformatics II** (Hall 1)

Chair: Maurizio Brizzi

1. **Changes in Forest Species Composition in the Last 50 Years on the Snežnik Area in Slovenia Studied by Compositional Data Approach** *Damijana Kastelec, Milan Kopal and Klemen Eler*
2. **Subgroup Discovery in Data Sets with Multi-Dimensional Responses: A Method and a Case Study in Traumatology** *Lan Umek, Blaž Zupan, Marko Toplak, Annie Morin, Jean-Hugues Chauchat, Gregor Makovec and Dragica Smrke*

3. **Class Imbalance Problem for Multivariate Classifiers Using High-Dimensional Data** *Rok Blagus and Lara Lusa*

4. **Comparison of Dimension Reduction Techniques for Classification with Microarray Gene Expression Data** *Andrej Kastrin*

15.00–16.20 **Network Analysis** (Hall 2)

Chair: Anuška Ferligoj

1. **Online Dictionary of the Social Sciences as a Network** *Anja Žnidaršič*

2. **Dynamics of Scientific Co-authorship Networks of Slovenian Researchers** *Luka Kronegger*

3. **Clustering of Discrete Distributions: New R Package and Application on US Patent Data** *Nataša Kejžar, Simona Korenjak-Černe and Vladimir Batagelj*

4. **“Please Name the First Two People You Would Ask for Help”:** **The Effect of the Limitation of the Number of Alters on Network Composition** *Tina Kogovšek and Valentina Hlebec*

16.20–16.40 **Break**

16.40–18.00 **Biostatistics and Bioinformatics III** (Hall 1)

Chair: Gaj Vidmar

1. **Susceptibility to Environment of Barley DH Lines Examined in a Series of Trials** *Tadeusz Adamski, Zygmunt Kaczmarek, Stanisław Mejza and Maria Surma*

2. **A Multivariate Approach to the Evaluation of Oilseed Rape Doubled Haploids on the Basis of a Series of Line x Tester Experiments** *Zygmunt Kaczmarek, Stanisław Mejza, Elzbieta Adamska, Teresa Cegielska-Taras and Laura Szała*

3. **Comparison of Ozone-Caused Tobacco Leaf Injury Degree Between Rural and Urban Exposure Sites** *Anna Budka, Klaudia Borowiak, Dariusz Kayzer and Janina Zbierska*

4. **Analysis of Hybrids Obtained by Diallel Crossing Scheme Based on Categorical Trait** *Anita Biszof and Stanisław Mejza*

16.40–17.40 **Sampling Techniques and Data Collection** (Hall 2) *Chair: Aleš Žiberna*

1. **Optimal Compression of Statistical Data by Minimization of Information Cost Function** *Igor Grabec*

2. **Resampling Methods: Do They Add Information?** *Antonio Mango*

3. **Performing Descriptive Statistical Analysis on Large Univariate Numerical Datasets Using Spreadsheets** *Ilija S. Hristoski*

19.00 **Reception**

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

Chair: Andrej Blejec

1. **Creating Structured and Flexible Models: Some Open Problems** *Andrew Gelman*

10.00–10.20 **Break**

10.20–11.40 **Bayesian Statistics** (Hall 1)

Chair: Andrew Gelman

1. **Building a Cross-Classified Multilevel Structure for Credit Scorecard: A Bayesian Monte Carlo Markov Chain Approach** *Alesia S. Khudnitskaya*
2. **Bayesian Model Averaging for Hierarchical Log-Linear Models and an Application to the Dumping Severity Data** *Haydar Demirhan and Canan Hamurkaroglu*
3. **Endogeneity of Store Attributes in Heterogeneous Store-Level Sales Response Models** *Harald Hruschka*
4. **An Exploratory Hybrid Approach to Estimating Second Home Tourism and its Economic Impact** *Donald L. Pardew and Serena Volo*

10.20–11.40 **Statistical Applications - Economics I** (Hall 2) *Chair: Simona Korenjak Černe*

1. **Advertising Expenditure Components in Time; A Case Study of 17 European Countries in the Period 1994-2007** *Katarina Košmelj and Vesna Žabkar*
2. **Investigating the Relationship Between Electricity Consumption, Export and GDP in Turkey via the Multivariate Time Series Analysis** *Derya Ersel, Yasemin Kayhan Atilgan and Süleyman Günay*
3. **Nonlinearities, Weak Integration and the Globalization of Stock Markets** *Rui C. Menezes*
4. **Parametric Estimation of the Customer Churn Risk** *Sofia L. Portela and Rui C. Menezes*

11.40–12.00 **Break**

12.00–13.00 **Social Science Methodology** (Hall 1)

Chair: Tina Kogovšek

1. **Ordered Dissimilarity of Students Gradings Distributions – Ordinal Statistics to Answer Ordinal Questions** *Matevž Bren and Darko Zupanc*
2. **The Cultural Capital of Immigrant Families and the Impact on Student Performance** *Alina S. Botezat*
3. **Changes in the Marital Structure of the Population of Vojvodina in Respect to their National-Ethnic and Confessional Affiliation** *Katarina J. Čobanović and Valentina T. Sokolovska*

MONDAY, September 21, 2009

12.00–13.00 **Education** (Hall 2)

Chair: Patrick Wessa

1. **Difficulties in Teaching Statistics in Slovenian Secondary Schools** *Andreja Drobnič Vidic and Simona Pustavrh*
2. **Does Examinee Choice in Educational Testing Work? One Example from Slovenian General Matura Examinations** *Gašper Cankar*
3. **Mathematics in Slovene General Matura – Discrepancy of Grades at Basic and Higher Level of Achievement** *Alenka Hauptman*

13.00–14.30 **Lunch**

14.30 **Excursion**

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

Chair: Matevž Bren

1. **Statistics of Compositional Data** *Gerald van den Boogaart*

10.00–10.20 **Break**

10.20–11.20 **Mathematical Statistics** (Hall 1)

Chair: Gerard van den Boogaart

1. **Fuzzy Hypothesis Testing in Linear Regression** *Duygu İçen and Süleyman Günay*
2. **Applications of Stable Distributions to Estimate Measure of Risk (VaR) in Financial Markets** *Mohammad Ali Baradaran Ghahfarokhi, Rahim Bahramian, Parvin Baradaran and Azade Nazari Tanha*
3. **Incongruence of Model Fit Indices and Other Evidence of Model Quality in SEM** *Roman Konarski*

10.20–11.20 **Bibliometrics** (Hall 2)

Chair: Janez Stare

1. **The Use of Statistical Methods in Library and Information Science Literature** *Güleda Düzyol and Sevil Bacanlı*
2. **Peer-Reviews and Bibliometrical Methods: Two Sides of the Same Coin?** *Primož Južnič, Matjaž Žaucer, Miro Pušnik, Tilen Mandelj, Stojan Pečlin and Franci Demšar*
3. **Measuring the Citation Impact of Statistic Journals with Structural Equation Modelling Analysis** *Güleda Düzyol, İçen and Süleyman Günay*

11.20–11.40 **Break**

11.40–13.00 **Econometrics I** (Hall 1)

Chair: Mihael Perman

1. **A Partially Adaptive Estimator for the Censored Regression Model Based on a Mixture of Normal Distributions** *Steven B. Caudill*
2. **Testing Tobler's Law in Spatial Panels: A Test for Spatial Dependence Robust Against Common Factors** *Giovanni Millo*
3. **Dynamic Conditional Correlation Model with Factorial Hidden Markov Representation** *Philippe Charlot*
4. **Modeling SBITOP Stock Index Time Series Through Decomposition** *Aleša Lotrič Dolinar*

11.40–13.00 **Design of Experiments** (Hall 2)

Chair: Katarina Košmelj

1. **On the Efficiency of Some Incomplete Split-Plot \times Split-Block Designs with Control Treatments** *Katarzyna Ambroży and Iwona Mejza*

2. **Graphic Analysis of Interaction in Full Factorial Designs: A Critical Study** *Dulce G. Pereira and Paulo Infante*
3. **Statistical Quality Control for Business Indicators of Healthcare Quality: General Considerations and a Specific Proposal** *Gaj Vidmar and Rok Blagus*
4. **Unreplicated Experiments in Early Stage Breeding Programs** *Katarzyna Marczyńska and Stanisław Mejza*

13.00–14.30 **Lunch**

14.30–15.50 **Data Mining** (Hall 1)

Chair: Lluis Coromina

1. **Discriminant Analysis Versus Random Forests on Qualitative Data: Contingent Valuation Method Applied to the Seine Estuary Wetlands** *Salima Taibi and Dimitri Laroutis*
2. **Using Decision Trees for Classification in Actuarial Analysis** *Damla Barlas and Omer Esensoy*
3. **Analysis of the eDonkey Data – In Search of Pedophilia** *Aleš Žiberna, Vasja Vehovar and Matej Kovačič*
4. **Supervised Learning for Automatic Target Recognition** *Gerard Brunet*

14.30–15.30 **Econometrics II** (Hall 2)

Chair: Aleša Lotrič Dolinar

1. **Management Accounting in Austrian Family Enterprises - An Empirical Research** *Christine Duller*
2. **Analyzing Non-performing Loans in 10 New Member States with Model-based Recursive Partitioning** *Alenka Kavkler and Mejra Festic*
3. **The Attitude of the Government to the Arab Minority in Israel: A Study of Government Fiscal Allotments to Local Authorities** *Tal Shahor*

9.30–10.30 **Statistical Applications - Economics II** (Hall 1) *Chair: Jože Rován*

1. **Path Analysis and Cumulative Measures Applied to the Spanish Customer Satisfaction Indices: A Marketing Application for Automobile Industry** *López Caro Cristina, Mariel Chladkova Petr and Fernandez Aguirre Karmele*
2. **Forecasting of Incurred But Not Reported Reserves with Generalized Linear Models** *Tuğba Tunç and Gençtürk Yasemin*
3. **Decomposition of Income in Iran: A Statistical Application Using Gini Coefficient** *Esmail Abounoori and Arash Khoshkar*

9.30–10.30 **Modeling and Simulation** (Hall 2) *Chair: Vasja Vehovar*

1. **Poisson Mixture Regression Model: Application to Financial Data** *Fátima Gonçalves and Susana Faria*
2. **A Group Sequential Form for the Partially Grouped Log Rank Test and A Simulation Study** *Yaprak Parlak Demirhan and Haydar Demirhan*
3. **Discriminating Between Lifetime Distributions** *Reza Pakyari*

10.30–10.50 **Break**

10.50–12.10 **Measurement** (Hall 1) *Chair: Damijana Kastelec*

1. **Measurement and Expressions of Uncertainty of Material Characteristics** *Athanasios Papargyris and Dimitrios Papargyris*
2. **Measurement of Supranational Policy Level of Decision Making. A Practical Method for Helping Policy Makers** *Lluís Coromina and Willem E. Saris*
3. **Estimating Second Home Tourism Activity** *Serena Volo*
4. **Pitfalls and Remedies in Testing the Calibration Quality of Rating Systems** *Wolfgang Aussenegg, Florian Resch and Gerhard Winkler*

12.10–12.30 **Closing of the conference** (Hall 1)

12.30–14.00 **Lunch**

14.00–18.00 **Workshop** (Hall 2)

1. **Statistics Education and Educational Research Based on Reproducible Computing** *Patrick Wessa, Bart Baesens, Stephan Poelmans and Ed van Stee*