
Program

SUNDAY, September 6, 1998

9.30 Bus Departure to the Lake Bled and the Vintgar Gorge

15.00 – 17.00 Meeting of the IRMCS Group

18.00 – 19.00 Registration in Castle Hrib

MONDAY, September 7, 1998

8.00 – 9.00 Registration in Castle Hrib

9.15 Opening of the Conference

9.30 INVITED ADDRESS:

Chair: A. Ferligoj

Willem J. Heiser:
Fitting Feature Graphs to Proximity Data

10.30 BREAK

11.00 Network Analysis

Chair: W.J. Heiser

1. **Reducing the Number of Measuring Points in an Observation Well Network**
Gerhard Neubauer and Klemens Fuchs
2. **Acyclic Blockmodels with Symmetric Positions**
Patrick Doreian, Vladimir Batagelj, and Anuška Ferligoj
3. **Clustering in Large Networks**
Vladimir Batagelj and Matjaž Zaveršnik
4. **Analysis and Visualization of Genealogies Using Program Package Pajek**
Andrej Mrvar and Vladimir Batagelj

13.00 LUNCH

14.30 Data Analysis

Chair: M. Hussain

1. **Beyond the Metric Index of Dissimilarities Between Binary Vectors**
Matevž Bren and Vladimir Batagelj
2. **Clustering Large Datasets of Mixed Units**
Simona Korenjak-Černe and Vladimir Batagelj

3. Segmentation of Retail Bank Market*Igor Horvat, Jože Rován, and Anuška Ferligoj***4. The Use of Correspondence Analysis of Concatenated Tables in First Exploration of Data***Nino Rode*

16.30 BREAK

17.00 Statistics in Economics

*Chair: J. Rován***1. Teaching Economic Statistics in a Digital Environment***Lea Bregar and Irena Ograjenšek***2. Testing Nonlinear Relationships Between Excess Rate of Return on Equity and Financial Ratios***Dušan Mramor and Marko Pahor***3. Statistical Quality Control in Quality Management Systems of Slovene Companies***Irena Ograjenšek*

19.00 WELCOME RECEPTION

Offered by Tomaž Banovec, Director of the Statistical Office of the Republic of Slovenia

TUESDAY, September 8, 1998

9.00 INVITED ADDRESS:

*Chair: A. Ferligoj***James M. Lepkowski, Justin Fisher, and Robert F. Belli:****Event History Analysis of Interviewer and Respondent Survey Behavior**

10.00 Methodology I.

*Chair: J. M. Lepkowski***1. Technology Effects: Why takes a CAPI Interview Longer? Interviewer and Respondent Behavior in a CAPI and a PAPI Version of a Survey***Marek Fuchs***2. Respondents' Satisfaction in WWW Surveys***Zenel Batagelj, Katja Lozar, and Vasja Vehovar*

11.00 BREAK

11.30 Methodology II.

*Chair: J.M. Batista-Foguet***1. Computer Assisted Focus Group Interviews***Vanja Buvac***2. An MTMM-Approach to the Study of Values in Surveys***Hans Waage, Jaak Billiet, and Stefaan Pleysier***3. The Assessment and Testing of Psychological Constructs, Using Incomplete Data Patterns, Within an MTMM Approach***Brendan Bunting and Christine O'Loughlin*

13.00 LUNCH

14.30 Methodology III.

Chair: B. Bunting

1. **Attitude Strength and Response Stability of a Quasi Balanced Political Alienation Scale**
Jaak Billiet, Marc Swyngedouw, and Hans Waeghe
2. **Systematic Identification of Badly Worded Survey Questions**
Tina Kogovšek
3. **A Procedure for Estimating the Parameters of the Preference Response Model: OPTIMUM**
János Máth and Ákos Münnich
4. **Studying Social Norms in Small Groups: A Perfect Setting for Applying Advanced Concordance Analysis**
Gaj Vidmar and Matej Černigoj

16.30 BREAK

17.00 Reliability and Validity

Chair: J. Billiet

1. **Assessment of Reliability when Test Items are not Essentially Tau-Equivalent**
Gregor Sočan
2. **The Effect of Respondent's Mood on the Reliability of Network Measurements**
Valentina Hlebec and Anuška Ferligoj
3. **Analyzing Content Validity in Program Evaluation from Generalizability Theory**
Salvador Chacón Moscoso, José Antonio Pérez-Gil, and José López Ruiz
4. **The Binomy of Exploratory Factor Analysis – Confirmatory Factor Analysis in Construct Validity of Program Evaluation**
José Antonio Pérez-Gil and Salvador Chacón Moscoso

WEDNESDAY, September 9, 1998

9.00 INVITED ADDRESS:

Chair: A. Ferligoj

John O'Quigley:
Inference in the Proportional Hazards Model

10.00 Statistics I.

Chair: J. O'Quigley

1. **Behaviour of the Buckley and James Estimator under Misspecified Model**
Janez Stare and Harald Heinzl
2. **Collinearity, Heteroscedasticity and Outlier Diagnostics in Regression. Do They Always Offer What They Claim?**
Germà Coenders and Marc Saez

11.00 BREAK

11.30 Statistics II.

Chair: H. Friedl

1. **Bayesian Sensitivity Analysis Algorithms for Discrete Variables with Symmetric and Asymmetric Uncertainties**
Dario Cziraky
2. **Some Notes on Evaluating the Prediction Error for the Generalized Estimating Equations**
Dario Gregori
3. **Semi-Markov Models with an Application to Power-Plant Reliability Analysis**
Mihael Perman, Andrej Senegačnik, and Matija Tuma

13.00 LUNCH

14.30 Biostatistics

Chair: J. Stare

1. **Optimal Allocation for Composite Sample Design – Univariate Approach**
Polona Kalan and Katarina Košmelj
2. **Quality Assessment of the Statistical Land Cover/Use GIS of Slovenia-State'97**
D. Šabić, E. H. Lojović, and A. Tretjak
3. **The Effects of Measurement Errors in Diagnosing High Blood Pressure and in Analysing the Relationship Between Blood Pressure and Characteristic Variables of the Patients**
Joan M. Batista-Foguet, Germà Coenders, and M. Artès Ferragut
4. **Finding Information in Electrophysiological Data**
Andrej Blejec

16.30 BREAK

17.00 Applications of Statistical Models

Chair: K. Košmelj

1. **Evaluating Vehicle Interior Noise Quality with Statistical Models**
Mushtaq Hussain, Herwig Friedl, and Hermann Katz
2. **Dependence Models for Extremes of Dispersed Contaminants**
S. Nadarajah
3. **Quantification of Environmental Decisions within the Context of Conjoint Analysis**
Lidija Zadnik Stirn and Leonarda Godler

18.30 Closing
