

## Program Overview

		Hall 1	Hall 2
Sunday	15.00 – 18.00	Workshop	
	18.00 – 19.00	Registration	
	19.00 – 21.00	Reception	
Monday	8.00 – 9.00	Registration	
	9.00 – 9.10	Opening of the Conference	
	9.10 – 10.00	Invited Lecture	
	10.00 – 10.20	Break	
	10.20 – 11.40	Modeling and Simulation	
	11.40 – 12.00	Break	
	12.00 – 13.40	Modeling and Simulation	Econometrics
	13.40 – 15.00	Lunch	
	15.00 – 16.00	Sampling Techniques	Statistical Applications
	16.00 – 16.20	Break	
	16.20 – 17.40	Other Areas of Statistics	
Tuesday	9.10 – 10.00	Invited Lecture	
	10.00 – 10.20	Break	
	10.20 – 11.20	Network Analysis	
	11.20 – 11.40	Break	
	11.40 – 13.00	Statistical Applications	
	13.00 – 14.30	Lunch	
	14.30	Excursion	
Wednesday	9.10 – 10.00	Invited Lecture	
	10.00 – 10.20	Break	
	10.20 – 11.40	Biostatistics and Bioinformatics	
	11.40 – 12.00	Break	
	12.00 – 13.00	Biostatistics and Bioinformatics	Other Areas of Statistics
	13.20 – 13.30	Closing of the Conference	

15.00–18.00    **Workshop**  
Hall 2

1. **Survival analysis: how to do it and what to be careful about**  
*Maja Pohar Perme and Klemen Pavlič*

18.00–19.00    **Registration**

19.00–21.00    **Reception**

8.00–9.00      **Registration**

9.00–9.10      **Opening of the Conference**  
Hall 1

*Chair: Andrej Blejec*

9.10–10.00    **Invited Lecture**  
Hall 1

*Chair: Mihael Perman*

**1. Approximate Bayesian computation for inference in models for large-scale network data**

*Antonietta Mira, Jukka-Pekka Onnela and Ritabrata Dutta*

10.00–10.20    **Break**

10.20–11.40   **Modeling and Simulation**  
Hall 1

*Chair: Antonietta Mira*

**1. Bayesian stochastic DEA with time series**

*Jhon Vargas, Hugo Mercado and Edwin Causado*

**2. Comparison of internal evaluation criteria for categorical data in hierarchical clustering**

*Zdenek Sulc, Jana Cibulkova, Jiri Prochazka and Hana Rezankova*

**3. A robust stepwise bootstrap regression method**

*Tommaso Gennari*

**4. Some D-optimal designs: theory and examples**

*Małgorzata Graczyk*

11.40–12.00    **Break**

12.00–13.40   **Modeling and Simulation**  
Hall 1

*Chair: Matevž Bren*

**1. A comparison of filter methods for classification of high-dimensional data sets**

*Derya Turfan and Ozgur Yeniay*

**2. Semiparametric statistical calibration of the numerical air pollution model outputs**

*Marek Brabec, Ondrej Vlcek, Nina Benesova and Pavel Juras*

**3. Quantile estimation and comparing two independent groups by using multiple quantiles**

*Gözde Navruz and A. Fırat Özdemir*

**4. Discretization of composite models**

*Yasemin Gençtürk and Ayten Yiğiter*

**5. Determining optimal number of specimens per patient required for improved diagnosis**

*Jay Mandrekar*

12.00–13.20 **Econometrics**  
Hall 2

*Chair: Maurizio Brizzi*

**1. A fast and general cluster-bootstrapping system for panel models**

*Giovanni Millo*

**2. The impact of different consumption unit scales on social indicators**

*Petr Musil and Michaela Brázdilová*

**3. Applications based on regional input-output tables**

*Jaroslav Sixta and Karel Šafr*

**4. Modelling tail dependence for risk measurement: the case of emerging markets**

*Tolga Yamut and Burcu Hudaverdi Ucer*

13.40–15.00 **Lunch**

15.00–16.00 **Sampling Techniques**  
Hall 1

*Chair: Katarina Košmelj*

**1. Inferences for stress-strength reliability of Burr Type X distributions based on ranked set sampling**

*Fatma Gül Akgül and Birdal Şenoğlu*

**2. Power comparisons of several goodness of fit tests under ranked set sampling and simple random sampling**

*Yusuf Can Sevil and Tugba Ozkal Yildiz*

**3. Generalized family of estimators with the help of two auxiliary variables for population variance in simple random sampling**

*Hatice Oncel Cekim and Cem Kadilar*

15.00–16.00 **Statistical Applications**  
Hall 2

*Chair: Nataša Kežar*

**1. Nowcasting using principal component analysis and linear regression**

*Manca Golmajer*

**2. Panel data estimation in regressions for symbolic data: an application to the clustering of cultural entrepreneurial regimes**

*Andrej Srakar and Marilena Vecco*

**3. Cluster analysis of European countries according to their happiness levels and trust on their legal system, police force, parliament and politicians**

*Sebnem Er*

16.00–16.20 **Break**

16.20–17.40 **Other Areas of Statistics**

Hall 1

*Chair: Gaj Vidmar*

**1. Comparing online change point algorithm with control chart analysis techniques**

*Ayten Yigiter and Canan Hamurkaroğlu*

**2. Decision-curve analysis for assessing the net benefit of prediction models**

*Özlem Güllü Kaymaz, Selen Bozkurt and Yasemin Yavuz*

**3. Modeling Human Development Index using finite mixtures of distributions**

*Fatma Zehra Doğru*

**4. Inferences about Type-O robust correlations with a percentile bootstrap method**

*A.Firat Ozdemir*

9.10–10.00     **Invited Lecture**  
Hall 1

*Chair: Anuška Ferligoj*

1. **Network models of the diffusion of innovations**  
*Thomas W. Valente*

10.00–10.20     **Break**

10.20–11.20     **Network Analysis**  
Hall 1

*Chair: Thomas W. Valente*

1. **Dynamic multilevel blockmodeling**  
*Aleš Žiberna*
2. **Building and maintaining co-authorship ties**  
*Luka Kronegger, Marjan Cugmas and Anuška Ferligoj*
3. **Studying European countries with clustering based on causes of death**  
*Aleša Lotrič Dolinar, Jože Sambt and Simona Korenjak-Černe*

11.20–11.40     **Break**

11.40–13.00     **Statistical Applications**  
Hall 1

*Chair: Maja Pohar Perme*

1. **Application of indirect methods for the estimation of hidden population of problem drug users**  
*Katja Rostohar and Ines Kvaternik*
2. **Statistical process control in the field of rehabilitation**  
*Gaj Vidmar, Helena Burger and Majdič Neža*
3. **Patterns in music**  
*Tinka Majaron*
4. **Medieval burials from Piedmont (North Italy): a statistical analysis of paleodemographic data**  
*Alessia Orrù, Rosa Boano, Alessandra Cinti, Sergio De Iasio, Marilena Girotti and Maurizio Brizzi*

13.00–14.30     **Lunch**

14.30             **Excursion**

9.10–10.00     **Invited Lecture**  
Hall 1

*Chair: Janez Stare*

**1. Statistical Models for Count Data with Excess Zeros: A Review**

*KyungMann Kim*

10.00–10.20     **Break**

10.20–11.40     **Biostatistics and Bioinformatics**  
Hall 1

*Chair: KyungMann Kim*

**1. Analysing long-term survival outcomes by methods from relative survival**

*Liesbeth C. de Wreede and Johannes Schetelig*

**2. The three-zone diagnostic decisions in rare events settings**

*Nataša Kejžar*

**3. Confidence intervals for Mann-Whitney test**

*Damjan Manevski and Maja Pohar Perme*

**4. On the inexactness of the Clopper-Pearson's confidence interval**

*Anes Valentić and Rok Blagus*

11.40–12.00     **Break**

12.00–13.00     **Biostatistics and Bioinformatics**  
Hall 1

*Chair: Andrej Blejec*

**1. Goodness of fit test for regression models based on pseudo observations**

*Klemen Pavlič, Torben Martinussen and Per K. Andersen*

**2. Relative survival analysis: comparison of net survival estimators on simulated data**

*Nina Ružić Gorenjec and Maja Pohar Perme*

**3. Survival analysis on the duration of MeSH terms: preliminary results**

*Andrej Kastrin and Dimitar Hristovski*

12.00–13.20     **Other Areas of Statistics**  
Hall 2

*Chair: Giovanni Millo*

**1. Statistics and financial mathematics competition for (high school) students in Slovenia – past advances and future challenges**

*Aleš Toman*

**2. Statistical disclosure control for Census 2021: feasibility study**

*Junoš Lukan*

**3. Electronic data reporting in short-term business statistics in Slovenia**

*Nina Češek Vozel*

**4. Validity and reliability test of wellbeing indicators in Thailand**

*Thanawit Bunsit*

13.20–13.30    **Closing of the Conference**  
Hall 1

*Chair: Andrej Blejec*