



Österreichische Statistische Gesellschaft

STATISTICS DAYS 2015

Wednesday, 21st – Friday, 23rd October
Statistics Austria, Guglgasse 13, A-1110 Wien

DAY 1

9:30

Opening

Werner MÜLLER

President ÖSG, Johannes Kepler University of Linz

Konrad PESENDORFER

Statistics Austria

9:45

Keynote

Diego KUONEN

Statoo Consulting, University of Geneva,
Geneva School of Economics and Management

A Swiss Statistician's 'Big Tent' View on Big Data and Data Science

10:45

Coffee Break

11:00

Session 1 (Chair: **Konrad PESENDORFER**, Statistics Austria)

Implementing the Code of Practice in Official Statistics – The 2014/15 Round of Peer Reviews in the European Statistical System

Pieter EVERAERS EUROSTAT

Patricia O'HARA ESGAB

Andreas GEORGIU ELSTAT

13:00

Lunch Break

14:00

Postersession

Stefanie MASSER, FH of Burgenland

Einflussfaktoren bei Bewerbungsgesprächen mittels der KANO-Methode

Gunter SPÖCK, University of Klagenfurt

Dynamic modelling of pollutant emissions from point sources for the determination of air-, surface- and groundwater pollution

Helmut WALDL, Johannes Kepler University of Linz

Capturing spatial non-stationarity in kriging models

Markus HAINY, Johannes Kepler University of Linz

Approximate Bayesian computation for spatial extremes using composite score functions

Daniela PAUGER, Johannes Kepler University of Linz
Sparse Bayesian Modelling for Categorical Predictors

Maria NEUBAUER, Data Technology
Quantifying the benefit of analyzing disease progression using longitudinal instead of binary outcomes

Albrecht GEBHARDT, Gunter SPÖCK, University of Klagenfurt
Implementing GPU computations in Octave and statistical applications

Michael MELCHER, Austrian Centre of Industrial Biotechnology, Graz
Statistical Modeling in Bioprocess Monitoring

14:30 Session 2 (Chair: **Andreas QUATEMBER**, Johannes Kepler University of Linz, Department of Applied Statistics)
Data Quality in Statistical Surveys

Beat HULLIGER University of Applied Sciences, Northwestern Switzerland, Olten

Essentially all surveys are flawed, but some are useful

15:15 Coffee Break

15:30 Session 2 (continued): Data Quality in Statistical Surveys

Sylvia KRITZINGER University of Vienna

Johannes GUSSENBAUER TU of Vienna

Philipp HERMANN Johannes Kepler University of Linz

Heiko GRÖNITZ Philipps-University of Marburg

17:00 End of Day 1

DAY 2

- 9:00 Session 3 (Chair: **Marcus HUDEC**, Data Technology; University of Vienna, Faculty of Computer Science)
Data Science
- Uwe LIGGES** TU Dortmund University
Master in Data Science in the Days of a Big Data Hype
- 10:00 Coffee Break
- 10:30 Session 3 (continued): Data Science
Peter HACKL
Angelika GEROLDINGER Meduni of Vienna
Ingolf BÖTTCHER Statistics Austria
- 12:30 Lunch Break
- 14:00 Session 4 (Chair: **Wolfgang TRUTSCHNIG**, University of Salzburg, Department for mathematics)
Copulas
- Fabrizio DURANTE** Bozen
The multivariate probability integral transform
- 15:00 Coffee Break
- 15:15 Session 4 (continued): Copulas
Manuela SCHREYER University of Salzburg
Lena SILBERMAYER WU of Vienna
Elisa PERRONE Johannes Kepler University of Linz
Maria Rita IACÓ TU of Graz
- 16:30 Celebration of ÖSG academic promotion prizes
Stefan LANG, Laudationes
- 17:00 End of Day 2

DAY 3

9:00

Session 5 (Chair: **Maria Rita TESTA**, Vienna Institute of Demography of the Austrian Academy of Sciences and Vienna University of Economics and Business)

Multivariate, multi-level and multi-state analysis in demography

George LECKIE Graduate School of Education, University of Bristol, UK
Recovering population-averaged inferences from binary response multilevel models, with examples from demography

09:45

Coffee Break

10:15

Session 5 (continued): Multivariate, multi-level and multi-state analysis in demography

Anna MATYSIAK	Vienna Institute of Demography
Andreas BAIERL	University of Vienna
Bernhard RIEDERER	Vienna Institute of Demography
Anne GOUJON	Vienna Institute of Demography

12:00

Conclusions

Werner MÜLLER
President ÖSG, Johannes Kepler University of Linz

12:15

End of Conference