



World Statistics Day
20/10/2010

Austrian Statistical Days 2010

Vienna

19/10/ - 22/10/2010

World Statistics Day

Theme: „Flash Statistics“ - quicker, earlier, better?
Statistics in tension between speed and quality

Organiser: Statistics Austria

Date: 20/10/2010

Venue: STATISTICS AUSTRIA, Guglgasse 13, 1110 Vienna

Wednesday 20/10/2010 Morning

09:00

Opening, Konrad Pesendorfer

Director General Statistics, Statistics Austria

09:15

Hannes Androsch, Former Vice-Chancellor

Keynote Speech: The necessity of quickly available data
for economic policy making

10:00

Coffee break

10:30

Session 1: Flash Estimates in theory and practice

Chair: Manfred Matzka, Dir.Gen., Federal Chancellory

Markus Fröhlich, Statistics Austria

Flash estimates - methodological issues and experiences

Josef Kytir, Statistics Austria

Flash estimates of unemployment and employment

Marcus Scheiblecker, WIFO

Flash estimates of GDP data

12:00

Lunch

Wednesday 20/10/2010 Afternoon

14:00

Session 2: Data quality and revisions

Chair: Gabriela Petrovic

Director General Finance, Statistics Austria

Erwin Kolleritsch, Statistics Austria

National Accounts in tension between timeliness and preciseness of results

Peter Laimer, Statistics Austria

Tourism statistics: Timeliness at cost of quality?

Josef Raos, Regional Statistics Salzburg

Data quality requirements from a regional perspective

15:30

Coffee break

16:00

Panel Discussion:

Quick data as a basis for economic and social policy making

Rudolf Hundstorfer, Minister of Social Affairs

Karl Aiginger, Head of WIFO

Thomas Wieser, Director General, Ministry of Finance

Peter Mooslechner, Director General, Oesterr. Nationalbank

Konrad Pesendorfer, Director General, Statistics Austria (Chair)

17:30

Buffet

AUSTRIAN STATISTICAL DAYS 2010 (Annual Meeting of the Austrian Statistical Society 2010)

Organiser: Austrian Statistical Society
 Date: 19/10/2010 (afternoon), 21/10 - 22/10/2010
 Venue: STATISTICS AUSTRIA, Guglgasse 13, 1110 Wien

Tuesday 19/10/2010 Afternoon Session: Health Statistics, Demography

Chair: Josef Kytir, Statistics Austria Speaker (*)

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| 13:30 | Opening, Werner Holzer
Austrian Statistical Society, President |
| 13:40 | Nadine Zielonke* , Statistics Austria
The Burden of Cancer in Austria. Estimating Cancer Prevalence with Data from the Austrian National Cancer Registry |
| 14:05 | Monika Hackl* , Statistics Austria
Regional assessment of completeness of Austrian cancer incidence data |
| 14:30 | Christian Halper* , Elisabeth Sammer , Statistics Austria
Health Expenditure according to the OECD-System of Health Accounts |
| 14:55 | Sergei Scherbov* , Dalkhat Ediev* , Vienna Institute of Demography (VID, ÖAW)
Significance of Life Table Estimates for Small Populations:
Simulations-Based Study of Estimation errors |
| 15:20 | Coffee break |

- 15:50 **Walter Seiringer***, **Sabine Höllersberger**, Statistics Austria
International trade statistics - Intra-EU Asymmetry analyses
and their methodological causes
- 16:15 **Angela Bohn***, **Patrick Mair**, **Kurt Hornik**, Vienna University of
Economics and Business
How do Economic Crises Affect the Worldwide Trade Network?
- 16:40 **Sacha Baud***, **Eva Milota**, Statistics Austria
Climate Change - A Challenge for Statistics
- 17:05 **Gerlinde Dinges***, **Alexander Kowarik***,
Bernhard Meindl*, **Matthias Templ**, Statistics Austria
An Open Source Approach for Modern Teaching Methods:
The Interactive TGUI System

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AUSTRIAN STATISTICAL DAYS - *Continuation*

Thursday 21/10/2010 Morning - Session: Computational Statistics, Econometrics (I)

Chair: Stefan Lang, Leopold-Franzens-University Innsbruck

- 09:00 **Simon Wood***, University of Bath, UK
Keynote Speech: REML Estimation of Penalized GLMs
- 09:45 **Thomas Kneib***, Carl von Ossietzky University Oldenburg
Manuel Wiesenfarth, Georg-August-University Göttingen
Bayesian Geoadditive Sample Selection Models
- 10:10 **Fabian Sobotka***, **Thomas Kneib**, Carl von Ossietzky University Oldenburg
Geoadditive Expectile Regression:
Estimation and Fit of Confidence Intervals
- 10:35 **Coffee break**
- 11:05 **Janette Walde***, **Christoph Hauser**, **Gottfried Tappeiner**
University of Innsbruck
Estimating the Elements of a Spatial Weighting Matrix
- 11:30 **Jesus Crespo Cuaresma***, Vienna University of Economics and Business
Martin Feldkircher, Austrian National Bank
Spatial Filtering, Model Uncertainty and the Speed of Income
Convergence in Europe
- 11:55 **Helga Wagner***, **Sylvia Frühwirth-Schnatter**
Johannes Kepler-University Linz
Sparse Bayesian Shrinkage for Latent Variable Models
- 12:20 **Lunch break**

Thursday 21/10/2010 Afternoon Session: Computational Statistics, Econometrics (II)

Chair: Thomas Kneib, Carl von Ossietzky University Oldenburg

- 14:00 **Wolfgang Polasek***, **Richard Sellner**, Institute for Advanced Studies (IHS)
Bayesian and classical methods for completing disaggregated data:
Extending the Chow-Lin approach for spatial systems
- 14:25 **Gertraud Malsiner-Walli***, **Helga Wagner**, Johannes Kepler University Linz
Hans Rittmannsberger, Landesnervenlinik Wagner-Jauregg
Bayesian variable selection in normal regression models
- 14:50 **Reinhard Neck***, **Victoria Blüschke-Nikolaeva**, **Dmitri Blüschke**
University of Klagenfurt
Optimal control of Nonlinear Dynamic Econometric Models:
An Algorithm and an Application
- 15:15 **Coffee break**
- 15:45 **Johannes Schauer***, AVL List GmbH, Graz University of Technology (Diss.)
Trimming in the context of a change-point problem
- 16:10 **Johannes Jirak***, Graz University of Technology
Change Point Analysis in Stock Market Models
- 16:35 **Gregor Laaha***, University of Natural Resources and Applied
Life Sciences, Vienna
Jon Olav Skøien, University of Utrecht, NL
Günter Blöschl, Vienna University of Technology
Spatial Prediction on a River Network: A Comparison of
Top-kriging and Regional Regression

Thursday 21/10/2010 17:00 - open end Social Event/Poster Session

17:00

**Christian Auer, Adelheid Wöhrer, Martin Nagel,
Thomas Waldhör, Harald Heinzl**, Medical University of Vienna
Experiences gained and lessons learned while
implementing an automated epidemiological analysis tool
for the Austrian Brain Tumour Registry

Sanja Mikulovic, Siemens Corporate Technology, Vienna University of Technology
Optimization of biologics production by application of
statistical analysis and modelling

Sabine Stadler, Vienna
Financial Crisis and Statistics - an Overview

Matthias Till, Thomas Glaser, Statistics Austria
Calibration of EU-SILC panel data - a useful approach to maximize
coherence with cross sectional indicators of social inclusion?

Buffet

Friday 22/10/2010 Morning Session: Medical Statistics, Statistical Genetics

Chair: **Andreas Futschik**, University of Vienna

- 09:00 **David Balding***, University College London (UCL), UK
Keynote Speech: Statistical Methods for Genetic Association Analyses in the Resequencing Era
- 09:45 **Simon Aeschbacher***, Institute of Science and Technology Austria
Andreas Futschik, University of Vienna
Choice of summary statistics for efficient rejection sampling in statistical population genetics
- 10:10 **Claus Vogl***, University of Veterinary Medicine Vienna
Statistical Modelling of Demography and Selection on 4-fold degenerate sites and introns
- 10:35 **Coffee break**
- 11:05 **Sonja Zehetmayer***, **Martin Posch**, **Peter Bauer**
Medical University of Vienna
Hunting for Significance with the False Discovery Rate
- 11:30 **Carolin Kosiol***, **Nicola de Maio**
University of Veterinary Medicine Vienna
Estimation of Population Genetics Parameters from Pooled Sequencing Data
- 11:55 **Lunch**

Chair: Herwig Friedl, Graz University of Technology

13:30 **Franz Konecny***, University of Natural Resources and Applied Life Sciences, Vienna
Sequential Monte Carlo Methods for the Calibration of
Stochastic Rainfall-Runoff Models

13:55 **Ernst Stadlober***, Graz University of Technology
Gordana Duraš, Joanneum Research, Graz
Modelling of word length frequencies by the Singh-Poisson Distribution

14:20 **Reinhard Viertl***, Vienna University of Technology
Predictive Distributions in Fuzzy Bayesian Inference

14:45 **Coffee break**

15:15 **Karl A. Fröschl***, University of Vienna
Milan Hronský, Medical University of Vienna
Norbert Walchhofer, EC3 - Electronic Commerce Competence Center
Record Linkage Revisited: Entity Resolution

15:40 **Andreas Quatember***, Johannes Kepler University Linz
Imputation as a Method for Statistical Disclosure Control

16:05 **Matthias Templ***, Vienna University of Technology, Statistics Austria
Andreas Alfons, Vienna University of Technology
Estimation of poverty. New Developments in course of
the AMELI project

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