

Conference Information

Organizers

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Conference Venue

Oskar Morgenstern Platz 1
12th floor
A-1090 Vienna
AUSTRIA
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Accommodation

Hotel Rathauspark
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PROGRAM



Conference on Statistics and Causality

May 23rd and 24th 2014
Oskar Morgenstern Platz 1
1090 Wien



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wien

University of Vienna
Department of Psychology
Unit of Quantitative Methods

PROGRAM, Friday, May 23rd 2014

- 09.00 **Arrival, registration, and coffee**
- 09.30 **Welcoming remarks**
Wolfgang Wiedermann & Alexander von Eye
- Module 1: Granger Causality**
- 09.45 **Alternative forms of Granger Causality, heterogeneity and non-stationarity**
Peter C. M. Molenaar, Pennsylvania State University
- 10.30 **Alternative state-trait models for longitudinal data: Implications for the assessment of Granger Causality**
Phillip K. Wood, University of Missouri
- 11.15 **Coffee Break**
- 11.45 **Granger Causality for ill-posed problems: Methods, ideas and application in life sciences**
Kateřina Hlaváčková-Schindler, Academy of Sciences of the Czech Republic, Prague
- 12.30 **Investigating Granger-Causality with multidimensional item response models**
Ingrid Koller, Claus H. Carstensen, Wolfgang Wiedermann & Alexander von Eye, University of Bamberg
- 13.15 **Lunch Break**
- Module 2: Direction of Effects**
- 14.45 **Determining direction of dependency in a regression line**
Yadolah Dodge & Iraj Yadegari, Université de Neuchâtel
- 15.30 **Direction of effects in mediation analysis**
Wolfgang Wiedermann & Alexander von Eye, University of Vienna
- 16:15 **Coffee Break**
- 16:45 **A non-Gaussian approach for estimating possible causal direction in the presence of latent confounders**
Shohei Shimizu, Osaka University
- 17:30 **Direction of effects in categorical variables: A structural perspective**
Alexander von Eye & Wolfgang Wiedermann, Michigan State University
- 20:00 **Dinner**

PROGRAM, Saturday, May 24th 2014

- Module 3: Bases of Causality and Design**
- 09.00 **Modeling decisions and preference change for transformative experience**
L. A. Paul, University of North Carolina at Chapel Hill
- 09.45 **Bayesian inference from regression discontinuity designs**
Eduardo Gutiérrez-Peña, Universidad Nacional Autónoma de Mexico
- 10.30 **Coffee Break**
- Module 4: Propensity Score Analysis**
- 11.00 **Propensity score designs for causal inference: Covariate selection issues**
Peter Steiner, University of Wisconsin
- 11.45 **Integrating propensity scores with latent class analysis to identify determinants of class membership**
Stephanie T. Lanza & Bethany C. Bray, Pennsylvania State University
- 12.30 **On the importance of adjustment for latent covariates**
Steffi Pohl & Marie-Ann Sengewald, Freie Universität Berlin
- 13.15 **Closing remarks**
Wolfgang Wiedermann & Alexander von Eye
- 17.00 **Farewell**