31th IOPS Summer Conference, June 9-10, 2016

Conference location: University of Twente, Conference Hotel Drienerburght

Campuslaan 5, 7522 NB Enschede

Conference dinner: Hotel De Broeierd

Hengelosestraat 725, 7521 PA Enschede

Program prior to conference - Thursday June 9th 2016

10.00 – 12.00  IOPS Board Meeting (Conference Hotel Drienerburght)

11.30 - 12.00  IOPS PhD student meeting (Conference Hotel Drienerburght)

Program Thursday, June 9th 2016

12.00 - 13.00  Registration / Lunch (Conference Hotel Drienerburght)

13.00 - 13.20  Official opening by Rob Meijer and welcome by Local Organizer Jean-Paul Fox

13.20 - 13.45  Silvia de Haan- Rietdijk, Utrecht University

It's only a matter of time. Tricky issues in modeling experience sampling (ESM) data

Discussants: Jolanda Kossakowski

13.45 – 14.10  Abe Hofman, University of Amsterdam

Analyzing developmental change with time-series data of a large scale educational monitoring system

Discussants: Laura Boeschoten

14.10 - 14.35  Sara van Erp, Tilburg University

Prior Sensitivity Analysis in Default Bayesian Structural Equation Modeling

Discussants: Johnny van Doom
14.35 - 15.20  Break / Poster Session

Laura Boeschoten, Tilburg University  
*Latent Class Multiple Imputation for Multiply Observed Variables in a Combined Dataset*

Fayette Klaassen, Utrecht University  
*A Population of Within-Person-populations: Aggregating Multiple N = 1 Studies*

Kimberley Lek, Utrecht University  
*How to Construct Individualised Confidence Intervals*

Johnny van Doorn, University of Amsterdam  
*Bayesian Ordinal Analysis: Applications of the Polychoric Correlation Coefficient in Psychology*

15.20 – 15.45  Davide Vidotto, Tilburg University  
*Bayesian Multilevel Latent Class Models for Multiple Imputation of Nested Categorical Data*  
**Discussants:** Yasin Altinisik

15.45 - 16.45  Joris Mulder, Tilburg University *(Invited Speaker)*  
*Some Recent Developments of Bayesian Hypothesis Testing in Social Research*

16.40 – 17.15  Plenary meeting IOPS staff and students

18.00  Conference dinner at “Hotel De Broeierd”
Friday, June 10th

09.00 - 09.30  Registration / Coffee

09.30 - 09.55  Dries Debeer, KU Leuven
*Item-position Effects and Missing Responses in Large-Scale Assessments: Models and Applications*
Discussants: Daniela Crisan

09.55 - 10.20  Giulio Flore, Leiden University
*A Comparative Analysis of Psychometric Unfolding Models*
Discussants: Annemiek Punter

10.20 – 10.45  Robert Hillen, Tilburg University
*Unraveling categorical and continuous differences on psychological attributes: Which methods should we use and which not?*
Discussants: Joost kruis

10.45 – 11.30  Break / Poster Session

Nitin Bhushan, University of Groningen
*Learning Household Energy Consumption Profiles from Data: A Dynamic Process Methodology*

Thomas Husken, Utrecht University
*Time-varying Covariates in Population Size Estimation with the Recurrent Events Model*
Joost Kruis, University of Amsterdam
Three Representations of the Ising Model.

Iris Yocarini, Erasmus University Rotterdam
Decision Accuracy of Combining Multiple Tests in a Higher Education Context’

11.30 – 11.55 Jurian Meijering, Wageningen University
Probing the Power of Apollo: Methodological Challenges and Opportunities of the Delphi Method for the Developing Rankings
Discussants: Lianne Ippel

11.55 – 12.20 Oisin Ryan, Utrecht University
Mediation, Time and Causality: Lessons from Continuous-Time Modeling
Discussants: Thomas Husken

12.20 – 13.10 Jean-Paul Fox, University of Twente
Bayesian Multivariate Multilevel Models for Pretest Posttest Data

13.10 – 13.20 IOPS Best Presentation and Poster Award

13.20 – 13.25 Closing conference by Rob Meijer

13.25 Takeout Lunch
Joris Mulder, Tilburg University (Invited Speaker)

Title:
Some Recent Developments of Bayesian Hypothesis Testing in Social Research

Abstract:
Bayes factors are increasingly being used in the social sciences to test hypotheses coming from substantive theories. Bayes factors have several useful properties, such as its intuitive interpretation as the relative evidence in the data between two hypotheses, and the fact that it can straightforwardly be used for multiple hypothesis testing with complex (in)equality constrained on the parameters of interest. In this presentation I will discuss some recent developments in Bayesian hypothesis testing in social research. Topics that will be discussed are information (in)consistency, testing correlation structures, and testing random effects variances.