26th IOPS Winter Conference, December 15-16, 2016

Conference location: Van Swinderen Huys
Oude Boteringestraat 19, 9712 GC Groningen

Dinner: Humphrey's Restaurants
Vismarkt 42, 9711 KV Groningen

Program prior to the conference Thursday 15 December

10:30-12:00   **IOPS Board Meeting (Board Room Van Swinderen Huys)**

12:00-13:00   **Registration/Lunch**

Program Thursday 15 December

13:00-13:15   **IOPS PhD student meeting**

13:15-13:30   **Official opening by Rob Meijer**

13:30-13:55   **Presentation Joost Agelink van Rentergem Zandvliet**, University of Amsterdam
ANDI for Normative Comparisons in Neuropsychology
Discussant: Lieke Voncken

13:55-14:20   **Presentation Yasin Altinisik**, Utrecht University
A Generalization of the AIC Evaluating Informative Hypotheses for Contingency Tables
Discussant: Sanne Smid

14:20-14:45   **Presentation Hilde Augusteijn**, Tilburg University
The effect of publication bias on the Q-test and the assessment of heterogeneity
Discussant: Fayette Klaassen

14:45-15:15   **Break**

15:15-16:15   **Poster Session**

Daniela Crisan, University of Groningen
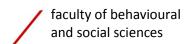*Practical consequences of misfit in unidimensional IRT models*

Zhengguo Gu, Tilburg University
Some Thoughts on Monitoring Individual Change in Mental Health Care and Education

Annemiek Punter, University of Twente
Handling cultural differential item functioning in the modeling of parental involvement

Sanne Smid, Utrecht University
A systematic review: Bayesian vs Maximum Likelihood estimation for small samples

Nikky van Buuren, University of Twente
Bayesian Networks and Personalized Learning Recommendations

Lieke Voncken, University of Groningen
Model selection in continuous test norming with GAMLSS

Lisa Wijsen, University of Amsterdam
The History of Psychometrics: A Genealogical Tree of Advisor-Student Relations

Beibei Yuan, Leiden University
The delta machine: Classification based on Distances towards Prototypes

16:15-17:15   **Invited speaker Don van Ravenzwaaij**, University of Groningen
Response time modeling and its different faces: On keeping it simple, modeling joint data, and reconceptualizing evidence

17:15-17:30   **IOPS plenary meeting**

17:30-18:30   **Drinks**

18:30-   **Conference dinner at Humphrey's**

Program Friday 16 December

09:00-09:30   **Registration/Coffee**

09:30-09:55   **Presentation Jonas Haslbeck**, University of Amsterdam
Estimating Time-Varying Mixed Graphical Models
Discussant: Joost Agelink van Rentergem Zandvliet

09:55-10:20   **Presentation Dino Dittrich**, Tilburg University
Network autocorrelation modeling: Bayesian estimation and hypothesis testing techniques
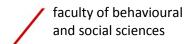Discussant: Kees Mulder

10:20-10:50   **Break**

10:50-11:15   **Presentation Lianne Ippel**, Tilburg University
Data streams for social scientists: row-by-row estimation of statistical models
Discussant: Beibei Yuan

11:15-11:40   **Presentation Sara Steegen**, KU Leuven
Increasing transparency through a multiverse analysis
Discussant: Hilde Augusteijn

11:40-12:25   **Presentation IOPS Best Paper Award 2016 Winner: Merijn Mestdagh**, KU Leuven
Fingerprint resampling: A generic method for efficient resampling
Discussant: Sara van Erp

12:25-13:25   **Lunch**

13:25-13:50   **Presentation Daan van Renswoude**, University of Amsterdam
Gazepath: An eye-tracking analysis tool that accounts for individual differences and data quality
Discussant: Lisa Wijsen

13:50-14:15   **Presentation Laura Bringmann**, University of Groningen
Dynamical networks in psychology: More than a pretty picture?
Discussant: Nikky van Buuren

14:15-14:30   **Closing by Rob Meijer**