

## 27<sup>th</sup> IOPS Winter Conference, 14-15 December 2017

**Conference location:** Tilburg University campus, Simon Building room SZ 31

**Dinner:** Tilbury 3, Tilburg University campus

### Program prior to the conference - Thursday 14 December

10.30 - 12.00 **IOPS Board meeting (Simon building room: S801)**

11.30 - 12.00 **IOPS PhD student meeting (Simon building room: SZ 31)**

12.00 - 13.00 **Lunch and registration (Simon building room: S8 pavilion)**

### Program Thursday 14 December (room: SZ 31)

13.00 - 13.05 **Official opening** by Rob Meijer and welcome by local organizer Jelte Wicherts

13.05 - 13:30 **Presentation Alexander Savi**, University of Amsterdam  
A network approach to the development of intelligence  
Discussants: Davide Vidotto & Gerko Vink

13.30 - 13.55 **Presentation Eva Zijlmans**, Tilburg University  
Methods to Estimate Item-Score Reliability  
Discussants: Iris Yocarini & Joost van Ginkel

13.55 - 14.20 **Presentation Merijn Mestdagh**, KU Leuven  
Prepaid parameter estimation without likelihoods  
Discussants: Yasin Altinisik & Noémi Schuurman

14.20 - 14.45 **Presentation Kees Mulder**, Utrecht University  
What to do when you inevitably encounter circular data  
Discussants: Annemiek Punter & Francis Tuerlinckx

14.45 - 15.15 **Break (S8 pavilion)**

15.15 - 15.40 **Presentation Jolien Cremers**, Utrecht University  
One Direction? On the Modelling of Circular Data in Psychology  
Discussants: Sara van Erp & Florian Böing-Messing

15.40 - 16.30 **Invited speaker Katrijn Van Deun**, Tilburg University  
Big Data in the Social Sciences: Statistical methods for multi-source  
high-dimensional data  
Discussants: Jolien Cremers & Ton de Waal

16.30 - 16.50 **Plenary meeting IOPS staff and students**

16.50 - 18.00 **Poster Session and Drinks (S8 pavilion)**

**Elise Cromptvoets**, Tilburg University

**Jeffrey Durieux**, Leiden University

**Anne Elevelt**, Utrecht University

**Paul Lodder**, Tilburg University

**Alexander Savi**, University of Amsterdam

**Niek de Schipper**, Tilburg University

**Sanne Smid**, Utrecht University

**Leonie Vogelsmeier**, Tilburg University

18.30 **Conference dinner Tilbury 3**

## **Program Friday 15 December (room: SZ 31)**

- 09.00 - 09.30 **Registration / Coffee (Foyer Simon building)**
- 09.30 - 10.15 **Presentation IOPS Best Paper Award 2016 Winner: Sacha Epskamp**  
New Developments and Future Directions in Network Psychometrics  
Discussants: Nitin Bushan & Kyle Lang
- 10.15 - 10.40 **Presentation Riet van Bork**, University of Amsterdam  
Focusing on the residual to understand item responses as a random variable  
Discussants: Merijn Mestdagh & Jelte Wicherts
- 10.40 - 11.05 **Break (S8 Pavilion)**
- 11.05 - 11.30 **Presentation Jed Cabrieto**, KU Leuven  
Testing for the presence of correlation changes in a time series: A permutation based approach  
Discussants: Riet van Bork & Katrijn Van Deun
- 11.30 - 11.55 **Presentation Annemiek Punter**, University of Twente  
Psychometric Modelling in International Large-Scale Assessments; a Presentation of Two Bi-Factor IRT Applications  
Discussants: Aniek Sies & Dylan Molenaar
- 11.55 - 12.20 **Presentation Aniek Sies**, KU Leuven  
Getting insight into a forest of decision trees  
Discussants: Jed Cabrieto & Marcel van Assen
- 12.20 - 12.35 **IOPS Best Poster/Presentation Award Ceremony 2017**
- 12.35 - 12.45 **Closing** by Rob Meijer
- 12.45 **Take away Lunch (Foyer Simon building)**