



19th IOPS winter conference

10-11 December 2009, [Villa Sonsbeek, Arnhem](#)

Tellegenlaan 3, 6814 BT Arnhem, tel. (026) 446 52 00, e-mail: info@villasonsbeek.nl, www.villasonsbeek.nl

Program

Program prior to conference (Thursday 10 December 2009)

- 11.00 - 12.30 **IOPS Board meeting**
- 12.00 - 12.30 **Pre-meeting IOPS PhD students**
- 12.30 - 13.15 **Registration / Welcome lunch**

Program Thursday 10 December 2009

- 13.15 - 13.20 **Official opening** by Willem Heiser, IOPS director
- 13.20 - 13.25 **Introduction** by Anton Béguin (Cito), conference host
- 13.25 - 13.55 **Wouter Weeda**, University of Amsterdam
Connectivity Analysis of Functional MRI data using Parameterized Regions of Interest
- 13.55 - 14.25 **Rinke Klein Entink**, University of Twente
Children's performance on equations and its relationship with working memory, intelligence, and facets of processing speed
- 14.25 - 14.45 **Break**
- 14.45 - 16.00 **Forum discussion**
Inside the black box: Can psychometric models uncover what goes on in the brain?
(moderator: Gunter Maris)
Speakers: Francis Tuerlinckx (K.U. Leuven) *'The eternal sunshine of a spotless mind' or 'measurement without modeling'* and Cees Glas (University of Twente) *The relation between psychological models and psychometric models*
- 16.00 - 16.20 **Break**
- 16.20 - 16.55 **Dylan Molenaar**, University of Amsterdam
Modeling Differentiation of Cognitive Abilities Within the Higher-Order Factor Model using Moderated Factor Analysis
- 16.50 - 17.20 **Pascal van Hattum**, Utrecht University
The Proof of the Pudding is in the Eating. Data Fusion: An Application in Marketing
- 17.20 - 17.50 **Plenary meeting IOPS staff and students**
- 18.00 - 19.00 **Drinks**
- 19.00 **Conference dinner (Villa Sonsbeek)**



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Program Friday 11 December 2009

- 08.45 - 09.00 **Registration / Coffee**
- 09.00 - 09.30 **Judith Conijn**, Tilburg University
On the Usefulness of a Multilevel Logistic Regression Approach to Person-Fit Analysis
- 09.30 - 10.00 **Rogier Kievit**, University of Amsterdam
Structural Equation Modeling and Cognitive Neuroscience
- 10.00 - 10.20 **Break**
- 10.20 - 10.50 **Carel Peeters**, Utrecht University
A Default Candidate Estimator for Marginal Likelihood Estimation with Application to Factor Analytic Dimensionality Selection
- 10.50 - 11.20 **Annemarie Zand Scholten**, University of Amsterdam
The Guttman-Rasch paradox
- 11.20 - 11.40 **Break**
- 11.40 - 12.30 **Maarten Cruyff**, winner of the IOPS Best paper Award 2008, Utrecht University
Modeling ordinal randomized response data
- 12.30 - 13.15 **Lunch**
- 13.30 **Start of Cito program (with invited speakers Cees Glas, Theo Eggen, and Gunter Maris)**

Aansluitend organiseert Cito een kort symposium en een afscheidsreceptie voor Norman Verhelst. Ook binnen IOPS heeft Norman Verhelst een actieve en inspirerende rol gehad. Deelnemers van de IOPS-conferentie zijn van harte uitgenodigd voor beide gelegenheden.

Afscheid van Norman Verhelst

- 13.30 - 15.30 **Programma afscheidssymposium**
Hoe goed is de expert? **Theo Eggen**
It could have been your ability: innovations in latent regression. **Gunter Maris**
Crusading with Norman in the land of Psychometrics. **Cees Glas**
- 16.00 Afscheidsreceptie