

UNIVERSITY OF TWENTE.



# PROGRAM

**5<sup>th</sup> RCEC Workshop on  
IRT and Educational Measurement**

**November 19-21, 2014**

**The 30th workshop on Item Response Theory in Twente, November 19-21, 2014**

## Wednesday, November 19, 2014

- 9.00 Course by Matthias von Davier  
*on methods used in International Large Scale assessments*
- 10.30 **B R E A K**
- 11.00 Continue with course by Matthias von Davier  
*on methods used in International Large Scale assessments*
- 12.30 **L U N C H** at restaurant "Drienerburght"
- 13.30 Continue with course by Matthias von Davier  
*on methods used in International Large Scale assessments*
- 14.30 **B R E A K**
- 15.00 Continue with course by Matthias von Davier  
*on methods used in International Large Scale assessments*
- 16.00 End of day one

## Thursday, November 20, 2014

- 9.00 Matthias von Davier  
*Some New Results on Diagnostic Model Equivalencies: The LCDM is not a generalized GDM, it is a constrained GDM*
- 9.45 Sebastiaan de Klerk  
*Psychometric analysis of the performance data of simulation-based assessments: A systematic review*
- 10.15 Johan Braeken  
*Tail dependence in multidimensional item response models*
- 10.45 B R E A K**
- 11.15 Robert Zwitser  
*Monitoring Countries in a Changing World. A new look at DIF in International Surveys*
- 11.45 Timo Bechger  
*Data analysis of Large-Scale Educational Surveys: A proof of concept*
- 12.15 L U N C H at restaurant "Drienerburght"**
- 13.30 Michelle Barrett  
*IRT Parameter Linking: Applications and Extensions of a Precision-Weighted Average Estimator*
- 14.00 Frans Kamphuis & Jos Keuning  
*A mixture Rasch counts model applied to reading aloud*
- 14.30 Alwin Stegeman  
*Factor indeterminacy and its implications for Item Response Theory*
- 15.00 Peter van Rijn  
*On the explaining away phenomenon in multivariate latent variable model*

- 15.30      **B R E A K**
- 15.45      Rudy Ligtvoet  
*A test for ordering subjects by their sum scores*
- 16.15      Qiwei (Britt) He  
*Extracting sequence patterns from process data of problem solving items using n-grams*
- 16.45      Gunter Maris  
*What was the question again!? Measurement reconsidered*
- 17.15      End of day two
- 18.30      **D I N N E R** at restaurant “De Broeierd”

## Friday, November 21, 2014

- 9.00 Stéphanie Berger  
*Psychometrical challenges in linking standardized tests to an online item bank for formative assessment*
- 9.30 Angela Verschoor  
*Computerized Adaptive Testing with online JML calibration*
- 10.00 Dylan Molenaar  
*Response Mixture Modeling of Responses and Response Times*
- 10.30 **B R E A K**
- 10.45 Ivailo Partchev  
*A fast and efficient MCMC algorithm for fitting IRT models with missing data*
- 11.15 David Magis  
*On the finiteness and uniqueness of the weighted likelihood estimator of ability in polytomous IRT models*
- 11.45 José Roberto Silva dos Santos  
*Ante-dependence modeling of longitudinal item response data: Handling skewed ability distributions*
- 12.15 Jean-Paul Fox  
*Bayesian model testing in IRT: Bayes Factors*
- 12.45 **L U N C H** at restaurant "Drienerburght"  
**Also possible to take-away**

## END OF 30th RCEC-WORKSHOP

## List of Participants

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