What is Psychometrics? Program 2023

Coordinator
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Course Summary:
This course is designed to give an overview of psychometrics as an academic research field. The lectures cover general topics that are relevant to many subfields of psychometrics. They are intended to provide an overview of the field and highlight issues that are important to the role of psychometrics in science and society. Course credits are awarded for active participation.

Location
Roeterseilandcampus (REC), building L, room L0.15
You can find the address and a map here

Literature
Each lecture is based on a key article, see the program below. You can prepare for the lecture using these key articles which can be found here

Program
Wednesday 27 September

10:00-13:00: Willem Heiser, Leiden University

Title: The Evolution of Psychometrics

Literature:
https://doi.org/10.1007/978-3-031-10370-4_1

13:00-14:00: Lunch
14:00-17:00: Marjolein Fokkema, Leiden University
*Title: Psychometrics meets machine learning*

*Literature:*

Feel free to skip:
- Section “2. Covariance Based Structural Equation Modeling”, unless you are specifically interested in SEM matrices.
- Section “4. Simulation Studies.”


Feel free to skip:
- Section “RuleFit Algorithm” on pages 638-639.

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**Thursday 28 September**

10:00-13:00: Noémi Schuurman, Utrecht University

*Title: The Within/Between Problem*

*Literature:*

13:00-14:00: Lunch

14:00-17:00: Leonie Vogelsmeier & Joran Jongerling, Tilburg University

*Title: Psychometric Evaluation of (Intensive) Longitudinal Data*

*Literature:*
Friday 29 September

10:00-13:00: Denny Borsboom, University of Amsterdam

*Title*: Network Approaches, Models, and Theories in Psychometrics

*Literature:*

13:00-14:00: Lunch

14:00-17:00: Rob Meijer, Groningen University

*Title*: Psychometrics in Practice

*Literature:*