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Saturday, April 6

Paper Session: Advances in the Evaluation of Item Response Theory Models

8:00 – 10:00 am, Quebec

Longitudinal Randomized Controlled Trials With Item Response Data

Marian Strazzeri, Ji Seung Yang

Electronic Board Session 1

10:25 – 11:55 am, Imperial Room

Multigroup Cognitive Diagnostic Joint Modeling of Responses and Response Time

Hong Jiao, Manquin Liao

The Identification of Latent Class Membership in the Mixture Rasch Model

George Macready

Graduate Student Poster Session

12:20 – 1:50 pm, Imperial Room

Module Assembly and Routing of Cognitive Diagnostic Multistage Adaptive Test

Manquin Liao, Hong Jiao

Coordinated Session: Advanced Psychometrics for Process Data Analysis in Large-Scale Assessments

2:15 – 3:45 pm, Ballroom

Mapping Background Variables With Sequential Patterns in Problem-Solving Tasks

Hong Jiao



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Sunday, April 7

Paper Session: Technical Considerations in Factor Analysis and Structural Equation Models

10:20 – 11:50 am, Salon B

An Evaluation of Hierarchical Models Relating Item Response Format, Accuracy, and Speed
Xin Qiao

Paper Session: New Directions in Cognitive Diagnostic Modeling

10:20 – 11:50 am, Territories

Discussant: Hong Jiao

Paper Session: Important Considerations in Computerized Adaptive Testing and Item Pool Utilization

12:10 – 1:40pm, Quebec

Design and Comparison of Four Stopping Rules in Mastery Computerized Adaptive Testing and On-the-Fly Multistage Testing (OMST)

Chen Tian

Paper Session: Technical Considerations in Factor Analysis and Structural Equation Models

3:20 – 4:50pm, Quebec

Standard Error Adjustment for Projected Item Response Theory Scores in a Fixed-Item-Parameter Linking Design

Shuangshuang Xu, Yang Liu



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Monday, April 8

Paper Session: Advances in Test Security

8:00 – 10:00 am, British Columbia

Mining Process Data to Detect Item Harvesters

Manqian Liao, Hong Jiao

Electronic Board Session

12:20 – 1:50 pm, Imperial Room

Generating Multivariate Data: Investigating Solutions Using Path Tracing Concepts

Jeffrey Harring

Paper Session: Advances in Multidimensional Item Response Theory

2:15 – 3:45 pm, British Columbia

Estimating Students' Topic-Level Abilities Using Extended Higher Order Item Response Theory Models

Weimeng Wang, Hong Jiao

A Multidimensional Hierarchical Framework for Modeling Speed and Ability

Hong Jiao, Kaiewen Man



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