

IACAT 2017 CONFERENCE PROGRAM (16817)

Day 1
18 August 2017, Friday

Registration 08:00 – 16:30

TIME	301A	301B	303+304	306+307
08:45 – 10:15	Workshop 1 Introduction to Developing a CAT. <i>Nathan Thompson & John Barnard</i>	Workshop 2 CAT Simulations: How and Why? <i>Theo Eggen & Angela Verschoor</i>	Workshop 3 The Shadow-test Approach to Adaptive Testing. <i>Michelle Barrett & Wim van der Linden</i>	Workshop 4 Multivariate CAT <i>Chun Wang & Ping Chen</i>
10:15 – 10:30	Break (Coffee/Tea will be served at 302)			
10:30 – 11:55	Workshops Continued			
12:00 – 12:45	Lunch (at 302)			
12:50 – 13:10	Opening and Welcome - MARINE HALL (4TH FLOOR) <i>Tetsuo Kimura (Niigata Seiryō University)</i>			
13:15 – 14:00	Presidential address - MARINE HALL (4F) How Adaptive is an Adaptive Test: Are all Adaptive Tests Adaptive? <i>Mark Reckase (IACAT President)</i>			
14:05 – 14:25	Break (Coffee/Tea will be served at 302)			
14:30 – 15:30	Parallel Session 1.2.1.1 (Item generation and pool assembly) Using Automated Item Generation in a Large-scale Medical Licensure Exam Program: Lessons Learned. <i>André F. De Champlain</i>	Parallel Session 1.2.2.1 (Other) Item Selection Strategies for Developing CAT in Indonesia <i>Istiani Chandra</i>	Parallel Session 1.2.3.1 (MST) Scripted On-the-Fly Multistage Testing <i>Edison Choe, Bruce Williams & Sung-Hyuck Lee</i>	

	<p>Parallel Session 1.2.1.2 (Item generation and pool assembly) Generating Rationales to Support Formative Feedback in Adaptive Testing <i>Mark Gierl & Okan Bulut</i></p>	<p>Parallel Session 1.2.2.2 (Psychometric and technical) A Comparison of Three Empirical Reliability Estimates for Computerized Adaptive Testing <i>Dong Gi Seo</i></p>	<p>Parallel Session 1.2.3.2 (Classification and Diagnosis) Using Bayesian Decision Theory in Cognitive Diagnosis Computerized Adaptive Testing <i>Chia-Ling Hsu, Wen-Chung Wang & Shu-Ying Chen</i></p>	
<p>17:30 – 20:00</p>	<p>Welcoming Reception: (Japanese food and sake) Venue: Hotel Nikko Niigata Banquet Room "Toki" (a few minutes' walk from the conference venue) Attraction: Geisha dance performance</p>			



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DAY 2
19 August 2017, Saturday

TIME	301A	301B	303+304
09:00 – 09:40	Keynote 1 - MARINE HALL (4F) Item Selection Rules and Test Security in Computerized Adaptive Testing. <i>Juan Barrada</i>		
09:45 – 10:25	Early Career Researcher Award - MARINE HALL (4F) Multistage Testing with Multiple Subjects <i>Maaïke van Groen</i>		
10:30 – 10:45	Break (Coffee/Tea will be served at 302)		
10:50 – 11:50	Parallel Session 2.1.1.1 (Item banking and management) Issues in Trait Range Coverage for Patient Reported Outcome Measure CATs - Extending the Ceiling for Above-average Physical Functioning <i>Richard C. Gershon</i> Parallel Session 2.1.1.2 (Item banking and management) Evaluation of Parameter Recovery, Drift, and DIF with CAT Data <i>Nathan Thompson & Jordan Stoeger</i>	Parallel Session 2.1.2.1 (Psychometric and technical) New Results on Bias in Estimates due to Discontinue Rules in Intelligence Testing <i>Matthias von Davier, Youngmi Cho & Tianshu Pan</i> Parallel Session 2.1.2.2 (Psychometric and technical) Comparison of Pretest Item Calibration Methods in a Computerized Adaptive Test (CAT) <i>Huijuan Meng & Chris Han</i>	Parallel Session 2.1.3.1 (Classification and diagnosis) A New Cognitive Diagnostic Computerized Adaptive Testing for Simultaneously Diagnosing Skills and Misconceptions <i>Bor-Chen Kuo & Chun-Hua Chen</i> Parallel Session 2.1.3.2 (Classification and diagnosis) A Simulation Study to Compare Classification Method in Cognitive Diagnosis Computerized Adaptive Testing <i>Jing Yang, Jian Tao, Hua-Hua Chang & Ning-Zhong Shi</i>
11:55 – 12:40	Lunch (at 302)		
12:45 – 13:25	Keynote 2 - MARINE HALL (4F) Computerised Adaptive Testing and English for Specific Purposes. <i>Yukie Koyama</i>		

TIME	301A	301B	303+304
13:30 – 14:30	<p>Parallel Session 2.2.1.1 (CATs and language testing) Applying the Graded Response Model for Estimating the Learning Possibility Score of L2 Learners <i>Sei Sumi & Yoshimitsu Miyazawa</i></p> <p>Parallel Session 2.2.1.2 (CATs and language testing) Is CAT Suitable for Automated Speaking Test? <i>Shingo Imai</i></p>	<p>Parallel Session 2.2.2.1 (Large scale testing programs, K-12) The Implementation of Nationwide High Stakes Computerized (adaptive) Testing in the Netherlands <i>Mia van Boxel & Theo Eggen</i></p> <p>Parallel Session 2.2.2.2 (Large scale testing programs, K-12) A Large-Scale Progress Monitoring Application with Computerized Adaptive Testing <i>Okan Bulut & Damien Cormier</i></p>	<p>Parallel Session 2.2.3.1 (Other) DIF-CAT: Doubly Adaptive CAT Using Subgroup Information to Improve Measurement Precision <i>Joy Wang, David J. Weiss & Chun Wang</i></p> <p>Parallel Session 2.2.3.2 (Other) Measuring Intra-Individual Change on More Than Two Occasions with hypothesis testing methods <i>Chaitali Phadke & David J. Weiss</i></p>
14:35 – 14:50	Break(Coffee/Tea will be served at 302)		
14:55 – 16:45	<p>Symposium 1 - MARINE HALL (4F) Item Pool Design and Evaluation. <i>Mark Reckase, Wei He, Jing-Ru Xu & Xuechun Zhou</i></p>		
17:30 – 20:30	<p>Conference Dinner (Western food and wine) Venue: Riverside Restaurant "Porto Cave d'Occi" http://www.docci.com/shop/porto/ (River boat will leave just in front of the conference venue)</p>		

Day 3
20 August 2017, Sunday

TIME	301A	301B	303+304
09:00 – 09:40	Keynote 3 - MARINE HALL (4F) Grow a Tiger out of Your CAT. <i>Angela Verschoor</i>		
09:45 – 10:35	Symposium 2 (Part 1 of 2) - MARINE HALL (4F) Multistage Adaptive Testing: Developments, Challenges, and Solutions. <i>Duanli Yan, Alina von Davier & Yue Helena Jia</i>		
10:40 – 10:55	Break (Coffee/Tea will be served at 302)		
11:00 – 12:00	Symposium 2 (Part 2 of 2) - MARINE HALL (4F) Multistage Adaptive Testing: Developments, Challenges, and Solutions. <i>Duanli Yan, Alina von Davier & Yue Helena Jia</i>		
12:05 – 12:55	Lunch (at 302)		
13:00 – 14:00	Symposium 3 (Part 1 of 2) New Challenges (With Solutions) and Innovative Applications of CAT <i>Chun Wang, David J. Weiss, Xue Zhang, Jian Tao, Yinhong He, Ping Chen, Shiyu Wang, Susu Zhang, Haiyan Lin, Xiaohong Gao, Hua-Hua Chang & Zhuoran Shang</i>	Parallel Session 3.2.1.1 (Other) Considerations in Performance Evaluations of Computerized Formative Assessments <i>Michael Chajewski & John Harnisher</i> Parallel Session 3.2.1.2 (Psychometric and Technical) Item Parameter Drifting and Online Calibration <i>Hua-Hua Chang and Rui Guo</i>	Parallel Session 3.2.2.1 (Other) Adaptive Item and Feedback Selection in Personalized Learning with a Network Approach <i>Nikky van Buuren, Hendrik Straat, Theo Eggen & Jean-Paul Fox</i> Parallel Session 3.2.2.2 (MST) Efficiency of Targeted Multistage Calibration Designs under Practical Constraints: A Simulation Study <i>Stephanie Berger, Angela J. Verschoor, Theo J. H. M. Eggen, & Urs Moser</i>

<p>14:05 – 15:05</p>	<p>Symposium 3 (Part 2 of 2) New Challenges (With Solutions) and Innovative Applications of CAT <i>Chun Wang, David J. Weiss, Xue Zhang, Jian Tao, Yinhong He, Ping Chen, Shiyu Wang, Susu Zhang, Haiyan Lin, Xiaohong Gao, Hua-Hua Chang & Zhuoran Shang</i></p>	<p>Parallel Session 3.2.3.1 (Classification and diagnosis) Adaptivity in a Diagnostic Educational Test <i>Sanneke Schouwstra</i></p> <p>Parallel Session 3.2.3.2 (Applications and security) Concerto 5 Open Source CAT Platform: From Code to Nodes <i>David Stillwell</i></p>	<p>Parallel Session 3.2.4.1 (Cognitive diagnosis) Computerized Adaptive Testing for Cognitive Diagnosis in Classroom: A Nonparametric Approach <i>Yuan-Pei Chang, Chia-Yi Chiu & Rung-Ching Tsai</i></p> <p>Parallel Session 3.2.4.2 (Cognitive Diagnosis) Efficiency of Item Selection in CD-CAT Based on Conjunctive Bayesian Network Modeling Hierarchical attributes <i>Soo-Yun Han & Yun Joo Yoo</i></p>
<p>15:10 – 15:25 Break (Coffee/Tea will be served at 302)</p>			
<p>15:30 – 16:30</p>	<p>Parallel Session 3.2.5.1 (Item banking and management) Developing a CAT: An Integrated Perspective <i>Nathan Thompson</i></p> <p>Parallel Session 3.2.5.2 (Item banking and management) Analysis of CAT Precision Depending on Parameters of the Item Pool <i>Anatoly Maslak & Stanislav Pozdniakov</i></p>	<p>Parallel Session 3.2.6.1 (MST) Using Determinantal Point Processes for Multistage Testing <i>Jill-Jênn Vie</i></p> <p>Parallel Session 3.2.6.2 (MST) MHK-MST Design and the Related Simulation Study <i>Ling Yuyu, Zhou Chenglin & Ren Jie</i></p>	<p>Parallel Session 3.2.7.1 (Item Selection) Using Computerized Adaptive Testing to Detect Students’ Misconceptions: Exploration of Item Selection <i>Yawei Shen, Yu Bao, Shiyu Wang & Laine Bradshaw</i></p> <p>Parallel Session 3.2.7.2 (Other) Item Response Time on Task Effect in CAT <i>Yang Shi</i></p>
<p>17:30 – 20:30 Excursion to suburb old wooden museum (Japanese food) Venue: Northern Culture Museum http://www.hoppou-bunka.com/index.html (Bus will leave just in front of the conference venue)</p>			

Day 4
21 August 2017, Monday

TIME	301A	301B	303+304
09:00 – 09:40	Keynote 4 - MARINE HALL (4F) From Blueprints to Systems: An Integrated Approach to Adaptive Testing. <i>Gage Kingsbury & Tony Zara</i>		
09:45 – 10:45	Symposium 4 (Part 1 of 2) Bayesian Perspectives on Adaptive Testing <i>Wim van der Linden, Bingnan Jiang, Hao Ren, Seung W. Choi & Qi Diao</i>	Symposium 5 (Part 1 of 2) Multi-stage Testing for a Multi-disciplined End-of-primary-school Test <i>Hendrik Straat, Maaike van Groen, Wobbe Zijlstra, Marie-Anne Keizer-Mittelhaeuser & Michel Lamoré</i>	Parallel Session 4.1.1.1 (Item generation and pool assembly) Construction of Gratitude Scale Using Polytomous Item Response Theory Model <i>Nurul Arbiyah</i> Parallel Session 4.1.1.2 (Other) Adapting Linear Models for Optimal Test Design to More Complex Test Specifications <i>Maxim Morin</i>
10:50 – 11:05	Break (Coffee/Tea will be served at 302)		
11:10 – 11:40	Symposium 4 (Part 2 of 2) Bayesian Perspectives on Adaptive Testing <i>Wim van der Linden, Bingnan Jiang, Hao Ren, Seung W. Choi & Qi Diao</i>	Symposium 5 (Part 2 of 2) Multi-stage Testing for a Multi-disciplined End-of-primary-school test <i>Hendrik Straat, Maaike van Groen, Wobbe Zijlstra, Marie-Anne Keizer-Mittelhaeuser & Michel Lamoré</i>	Parallel Session 4.1.2.1 (Other) The Development of a Web-Based CAT in China <i>Chongli Liang, Danjun Wang, Dan Zhou & Peida Zhan</i>
11:45 – 12:40	Lunch (at 302)		

TIME	301A	301B	303+304
12:45 – 13:45	<p>Parallel Session 4.2.1.1 (Next generation CATs) FastCAT – Customizing CAT Administration Rules to Increase Response Efficiency <i>Richard C. Gershon</i></p>	<p>Parallel Session 4.2.2.1 (Other) Response Time and Response Accuracy in Computerized Adaptive Testing <i>Yang Shi</i></p> <p>Parallel Session 4.2.2.2 (MST) An Empirical Simulation Study Using mstR for MST Designs <i>Soo Lee</i></p>	<p>Parallel Session 4.2.3.1 (Psychometric and Technical) An Imputation Approach to Handling Incomplete Computerized Tests <i>Troy Chen, Chi-Yu Huang & Chunyan Liu</i></p>
13:50 – 14:30	Wrap-up and Closing (MARINE HALL-4F)		