

Schedule at a Glance: 2019 IACAT Conference

Monday, June 10

Hours	Name(s)	Title	Room
8:30 - 10:00	John Barnard & David J. Weiss	Workshop: Introduction to Item Response Theory and Computerized Adaptive Testing	Summit
8:30 - 10:00	Theo Eggen & Angela Verschoor	Workshop: Simulations and CAT	Pathways
8:30 - 10:00	Chun Wang	Workshop: Multidimensional CAT	Think 5
Break	----- COFFEE -----		Think Tank
10:15 - 11:45	John Barnard & David J. Weiss	Workshop: Introduction to Item Response Theory and Computerized Adaptive Testing	Summit
10:15 - 11:45	Theo Eggen & Angela Verschoor	Workshop: Simulations and CAT	Pathways
10:15 - 11:45	Chun Wang	Workshop: Multidimensional CAT	Think 5
11:45 - 12:30	Lunch	(on your own)	
12:30 - 12:40	Nathan Thompson & David J. Weiss	Host Welcome	Meridian 234
12:40 - 12:50	Mark Reckase	Presidential Welcome	Meridian 234
12:50 - 1:50	Alina von Davier	Incoming Presidential Keynote: The Road Ahead: From Computer Adaptive Testing to Artificially Intelligent Measurement	Meridian 234
Break	(JUST TO CHANGE ROOMS)		
2:00 - 3:00	Ricardo Primi, Mario Piacentini, & Tomoya Okubo	Exploring the use of deep learning to score tasks of PISA 2021 assessment of creative thinking	Summit
	Alan Mead & Sheng Zhang	Towards a strong AIG CAT: A review of three feasibility studies	Summit
	Catherine Close	Exploring Adaptive Measurement of Change for Individual Student Progress Monitoring	Pathways
	Jonghwan Lee, Christy Schneider, Sylvia Scheuring, Sukkeun Im, & Jungnam Kim	Running Simulations to Maintain Score Compatibility of CAT Across Years	Pathways
	David Shin & Yuehmei Chien	A Visual Multistage Module and Panel Assembly Tool	Think 5

	Angela Verschoor	An ATA model for multistage testing	Think 5
	Juntao Wang & Gongjun Xu	Sequential Gibbs Sampling Algorithm for Attributes Profiles in DINA	Meridian 1
	Kang Xue	A Deep Feedforward Network based Semi-Supervised Learning Method to Improve the Performance of Diagnostic Classification	Meridian 1
Break	----- SNACKS -----		Meridian Foyer
3:20 - 5:00	Michael Yudelson, Ada Woo, Stephen T. Polyak, Lu Ou, Yigal Rosen, & Ilia Rushkin	Symposium: Learning meets Assessment: Adaptation and Personalization at Scale for Practitioners	Meridian 1
	Angela J. Verschoor, Stéphanie Berger, Patrick Meyer, Theo J. H. M. Eggen, Urs Moser, Jakob Wandall, & Gage Kingsbury	Symposium: Development and Validation of three Vertical Scales for Formative Computer Adaptive Testing	Pathways
	Hua-Hua Chang, Nathan Thompson, Shengyu Jiang, Chun Wang, Shiyu Wang, & Yinhan Chen	Symposium: From Adaptive Testing to Artificial Intelligence and Smart Learning	Summit
5:00 - 6:00	Welcome Reception	Hors D'oeuvres and Networking	Pinnacle Ballroom
6:00 PM	River Cruise	Loading bus 600-615; bus ride 615-645; load boat 645-700; cruise 7:00-10:00	

Tuesday, June 11

Hours	Name(s)	Title	Room
7:30 - 8:00	Breakfast		Meridian 234
8:00 - 9:30	Jonghwan Lee, Sylvia Scheuring, Sukkeun Im, Jungnam Kim, & Christy Schneider	Relaxing Constraints for Better Measurement Precision during a CAT	Summit
	<i>(open due to cancellation)</i>		Summit
	Angela Verschoor	On the impact of measurement error in computerized adaptive testing	Summit

	Bingnan Jiang	Enhancing Effectiveness of CAT Simulation with the Shadow-Test Approach in RSCAT	Pinnacle
	Chen Li & Michael Chajewski	Penalization to Item Selection Inadequacy in a CAT	Pinnacle
	Catherine Mintz, Deborah Harris Ph.D., & Aaron McVay	An Investigation of Item Selection Criteria for Passage-based Items	Pinnacle
	James B. Olsen	Validity Evidence from a Formative CAT Educational Mathematics Assessment	Think 5
	William Insko Jr.	Interval Validation Method: Achievement Level Setting Based on Large Item Pools Used in Computerized Adaptive Testing	Think 5
	Shuqin Tao, Luciana Cançado, & Brett Morrow	Selecting off-grade items appropriately in a vertically-scaled adaptive test	Think 5
	Andreas Frey, Aron Fink, & Christian Spoden	Consideration of Item Position Effects in CAT with the Continuous Calibration Strategy	Meridian 1
	J. B. Weir	Enemy Item Detection Using Data Mining Methods	Meridian 1
	Haruhiko Mitsunaga	CAT system utilizing automated procedure for detecting enemy items based on NLP	Meridian 1
9:30 - 9:50	Break	----- COFFEE/SNACKS -----	Meridian Foyer
9:50 - 10: 50	Jimmy de la Torre	Keynote: Recent advances in cognitive diagnosis computerized adaptive testing	Meridian 234
10:50 - 11:00	Break	(JUST TO CHANGE ROOMS)	
11:00 - 12:00	Audra Kosh	Trends in Rapid Guessing Behavior Within a Low-Stakes K-12 Computer Adaptive Test	Summit
	Yanyan Fu & Chris Han	A Comparison of Three Approaches That Permit Answer Review and Revision in Computerized Adaptive Testing	Summit
	John Hansen & Jerel Unruh	Measuring Nonverbal IQ in Autism: Challenges and Opportunities Building a Measure and Internet Administration Application	Pinnacle
	Mo Chen, Kenneth Poon, Yong Hwee Nah, Huichao Xie, Vahid Aryadoust, & Nicolette Waschl	Developing and Piloting an Item Bank for a Computerized Adaptive Test of Adaptive Behavior Skills	Pinnacle
	John Barnard, Gage Kingsbury, Nathan Thompson, Anthony Zara	A History of CAT	Think 5
	(open due to cancellation)		Think 5

	Seyedahmad Rahimi, Valerie Shute, Russell Almond	The Technical Underpinning of Physics Playground	Meridian 1
	Benjamin Deonovic	An Urn-scheme to Track Accuracy and Response Times in Learning Environments	Meridian 1
12:00 - 12:50	Lunch		Meridian 234
12:50 - 2:30	Alper Sahin, Eren Can Aybek, Murat Doğan Şahin, Selahattin Gelbal, Ebru Balta, Arzu Uçar	Symposium: CAT in Turkey: From Past to Present	Meridian 1
	Michelle Barrett, Angie McAllister, Benjamin Deonovic, Krista Mattern, & Drew Hampton	Symposium: Adaptive Learning and Adaptive Assessment: Intersections and Synergy	Pinnacle
	Laurie Davis, Can Shao, Bess Patton, & Logan Rome	Symposium: Identifying Rushing in the i-Ready Diagnostic Computerized Adaptive Test	Summit
Break	(JUST TO CHANGE ROOMS)		
2:40 - 3:40	David J. Weiss	Keynote: The CAT Curmudgeon: Some Thoughts from 50 Years of CAT	Meridian 234
Break	----- SNACKS -----		Meridian Foyer
4:00 - 5:00	Jordan Stoeger, Tianjiao (Tina) Yin, & Xiaoqiu Xu	Getting Started with CAT: A Case Study	Summit
	Ryan A Wilke & Cody Diefenthaler	Is Your Item Pool Ready for the Demands of CAT?	Summit
	Mariana Curi, Thales Akira Matsumoto Ricarte, & Alina Von Davier	The MST Role to Reduce Public Cost in Testing	Pinnacle
	Xiao Luo	A Top-down Design Paradigm of Computerized Adaptive Multistage Test	Pinnacle
	Kuo-Feng Chang & Won-Chan Lee	Dual-Objective Adaptive Testing Using High-Order Item Response Theory Models	Think 5
	Yikai Lu, David J. Weiss, & Chun Wang	Multidimensional CAT Measuring Patient-Reported Outcomes in a Hospitalized Population	Think 5
	Stanley Rabinowitz	Implementing a Large-Scale Computer Adaptive Assessment System: The Role of Culture and History	Meridian 1
	Tetsuo Kimura	Test-takers' Psychological Aspects in Case of a Small-scale Multistage Computer Adaptive Testing	Meridian 1

5:00 - 7:30	Sculpture Garden	Loading bus 500-515; bus ride 515-530; art 530-700; bus ride home 700-715	
	Dinner	On your own	

Wednesday, June 12

Hours	Name(s)	Title	Room
7:30 - 8:30	Breakfast		Meridian 234
8:30 - 9:30	Po-Hsi Chen & Chia-Ling Hsu	The Development and Efficiency of the Computerized Adaptive Testing Version for the Test of Chinese as a Foreign Language	Summit
	Dee Kanejiya	Conversational Assessments for AI based Adaptive Testing	Summit
	Alan Mead & Jilin Huang	A machine learning "Rosetta Stone" for psychologists and psychometricians	Pinnacle
	Nathan Thompson & Alper Sahin	Feasibility of Using Small Samples to Train an Automated Essay Scoring Engine	Pinnacle
	Eva K. Fenwick, John Barnard, Aiden Loe, Alfred Gan, Jyoti Khadka, Konrad Pesudovs, Shu Yen Lee, Gavin Tan, Tien Y. Wong, & Ecosse L. Lamoureux	Psychometric evaluation of computerized adaptive tests to assess quality of life in people with diabetic retinopathy	Think 5
	Ryan EK Man, Bao Sheng Loe, Jyoti Khadka, Gwyn Rees, Eva K Fenwick, & Ecosse L Lamoureux	Evaluation of a Computerized Adaptive Testing System for the Impact of Vision Impairment Questionnaire (IVI-CAT)	Think 5
	Xue Zhang & Chun Wang	Assessing item-level fit within the multistage testing environment	Meridian 1
	Maaïke van Groen	Using Multidimensional Item Response Theory for the Multistage End of Primary School Test	Meridian 1
	Break	----- COFFEE/SNACKS -----	Meridian Foyer
9:50 - 10: 50	Chun Wang	Keynote: Multidimensional Computerized Adaptive Testing in Health Measurement: Lessons Learned	Meridian 234
	Break	(JUST TO CHANGE ROOMS)	
11:00 - 12:00	Duke Sowunmi & H.O.Owolabi	Adaptive essay test assessor for secondary school economics	Summit

	<i>(open due to cancellation)</i>		Summit
	Chia-yi Chiu & Yuan-Pei Chang	Advance in CD-CAT: The General Nonparametric Item Selection Method	Pinnacle
	Soleyman Zolfagharnasab	A Nonparametric approach to CAT	Pinnacle
	Ye (Cheryl) Ma, Johnny Denbleyker, & Shuqin Tao	Scripted CATs via an Adaptive Blueprints with Multistage Considerations: A simulation study	Think 5
	<i>(open due to cancellation)</i>		Think 5
	Jinah Choi & Windy Torgerud	Evaluating model fit and skill interdependency of granular growth model in a formative assessment system	Meridian 1
	Yeow M. Thum	Realigning the Scale of One Item Pool to Another: IRT Linking Using Growth Data	Meridian 1
12:00 - 12:50	Lunch		Meridian 234
12:50 - 2:30	Mark Reckase, Andres Paez, Sewon Kim, & Unhee Ju	Symposium: Converting from Paper-and-Pencil to CAT: Developing CAT Designs to Meet Required Constraints	Pinnacle
	Alina von Davier, Jingchen Liu, Viktor Qvarfordt, Geoff LaFlair, & Meirav Arieli-Attali	Symposium: Digital Adaptive Learning and Assessment Systems	Summit
	David J. Weiss, Jieun Lee, Chaitali Phadke, Chun Wang, King Yiu Suen, & Matthew Finkelman	Symposium: Adaptive Measurement of Change (AMC): Identifying Psychometrically Significant Change One Examinee at a Time	Meridian 1
	Break	(JUST TO CHANGE ROOMS)	
2:40 - 3:40	Shiyu Wang (Early Career Award)	Keynote: Computerized Adaptive Testing with Response Revision: Challenges, Solutions and Applications	Meridian 234
	Break	----- COFFEE/SNACKS -----	Pinnacle Foyer
4:00 - 5:00	Darrin Grelle	An Evaluation of Collapsing Response Categories for Innovative Question Types Using the GPCM	Summit
	Xin Lucy Liu, Xuechun Zhou, & Haiqin Chen	Impact of Innovative Item Scoring on Constrained Computerized Adaptive Testing	Summit
	Mingjia Ma & Terry Ackerman	The Influence of Dimensionality on Item Exposure Rate under CAT Administration	Pinnacle
	<i>(open due to cancellation)</i>		Pinnacle

	Xiaowen Liu & H. Jane Rogers	Detecting Aberrant Behavior in Computerized Adaptive Testing: The Lognormal Response Time Model	Think 5
	Luz Bay	Effects of Compromised Items in Computer-Adaptive Tests: A Retrospective Study	Think 5
	King Yiu Suen & David J. Weiss	Effect of Routing Errors on the Psychometric Properties of Multistage Tests	Meridian 1
	Jing Lu, Chun Wang, & David Weiss	Using response time to improve precision and efficiency of computerized adaptive testing	Meridian 1
5:30 - 8:00	Conference Dinner		Meridian 234

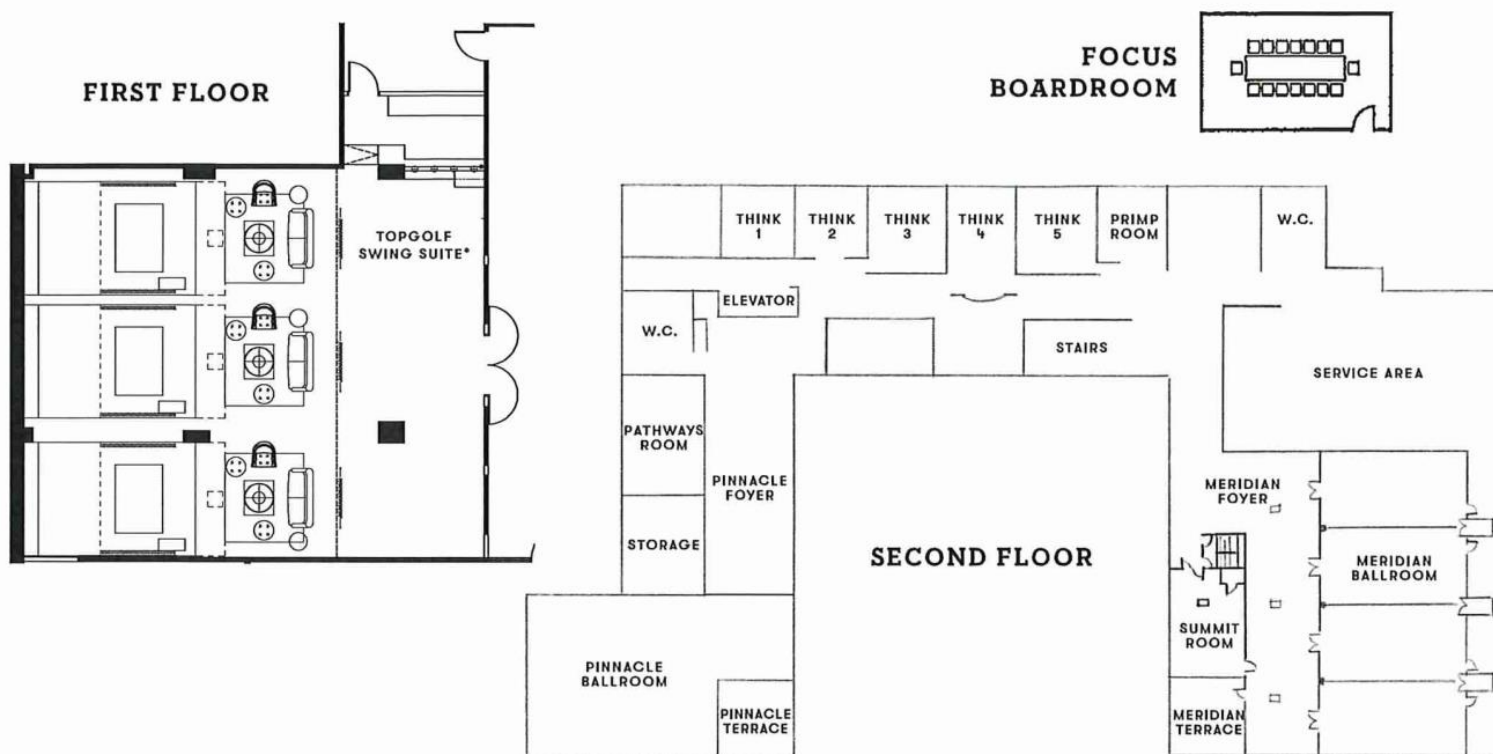
Thursday, June 13 (Sessions to be held at Recreation Center next to Hotel)

Hours	Name(s)	Title	Room
7:30 - 8:30	Breakfast		Pinnacle
8:30 - 10:00	Giada Spaccapanico Proietti, Mariagiulia Matteucci, Stefania Mignani, & Bernard Veldkamp	Chance-constrained test assembly	Beacon
	Tyler Matta	A tree-based algorithm for test blueprint creation	Beacon
	Emre Gonulates	A Search for a Practical Definition of an Optimum Item Pool	Beacon
	Zhongmin Cui	On Measuring Adaptivity of an Adaptive Test	MP 1
	Adam E. Wyse & James McBride	A Framework for Measuring the Amount of Adaptation of Rasch-based CATs	MP 1
	G. Gage Kingsbury & Steve Wise	Three Measures of Test Adaptation Based on Optimal Test Information	MP 1
	Fernando Austria Corrales, Dafne Saavedra, & Nathan Thompson	10/66 Dementia Research Group Cognitive Test Battery: results from IRT and CAT-simulation studies	MP 2
	Kathryn Jackson, Ben Schalet, Michael Kallen, Aaron Kaat, Michael Bass, Richard Gershon, & David Cella	Application of CAT Stopping Rules to Increase Precision and Decrease Burden for Health Outcomes Research	MP 2

	Aaron Kaat & Richard C. Gershon	Examining Exposure Control on the NIH Toolbox Picture Vocabulary Test	MP 2
	Beyza Aksu Dunya	Investigating Item Parameter Drift As a Problem of Ability Parameter Drift in CAT	MP 6
	Nixi Wang & Chun Wang	Exploring Differential Item Functioning in Cognitive Diagnostic Computer Adaptive Testing	MP 6
	<i>(open due to cancellation)</i>		MP 6
	Break	----- COFFEE/SNACKS -----	Beacon
10:20 - 11:20	Dong Gi Seo & Sun Huh	Application of Computerized Adaptive Testing using Medical Class Examination in South Korea	Beacon
	<i>(open due to cancellation)</i>		Beacon
	Stephanie Varga	MYMAP: A Graph Theory Approach to Modelling Attribute Mastery	MP 1
	John Denbleyker, Shuqin Tao, Ye Ma & Mingqin Zhang	Evaluation of Content Maps Constructed via a K12 Computer Adaptive Mathematics Assessment	MP 1
	Emanuela Botta	Experimentation of a MST for math skills in large scale surveys in Italy	MP 2
	Dimiter M. Dimitrov, Hanan M. ALGhamdi, & Abdullah A. Alqataee	Multistage Testing Using the D-Scoring Method: Research and Piloting at the NCA in Saudi Arabia	MP 2
	Scott B Morris, Michael Bass, Matthew Lauritsen, & Richard Neapolitan	A Predicted Error Reduction Stopping Rule for Multidimensional Computer Adaptive Tests	MP 6
	Zhuoran Wang, Chun Wang, & David J. Weiss	Adaptive Multiclassification Testing with Multidimensional Polytomous Items	MP 6
	Break	(JUST TO CHANGE ROOMS)	
11:30 - 12:30	Steve Wise	Keynote: Expanding the Meaning of Adaptive Testing to Enhance Validity	Beacon
12:30 - 12:45	Alina von Davier, Nathan Thompson, & David J. Weiss	Closing Remarks	Beacon

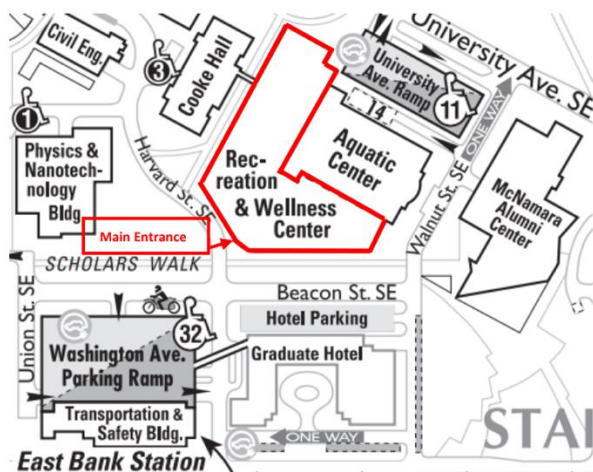
The Graduate Hotel:

EVENT SPACE floor plans

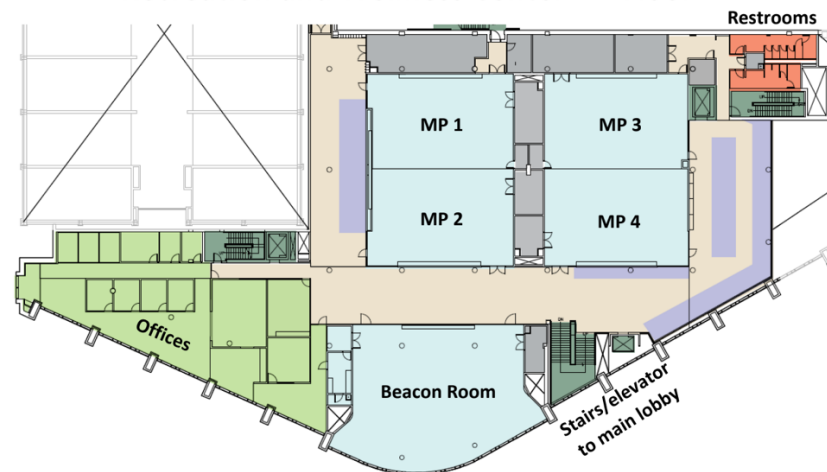


The Recreation and Wellness Center:

Recreation and Wellness Center Main Entrance



Recreation and Wellness Center 2nd Floor



Recreation and Wellness Center 4th Floor

