The Seventeenth Annual Maryland Assessment Conference:

Application of Artificial Intelligence (AI) to Assessment

- Jointly supported by the Maryland State Department of Education and the Maryland Assessment Research Center.
- Each topic will be given a one-hour block of time, including a 50-minute presentation by each speaker followed by 10 minutes of Q and A.

The following topics will be included in this conference:
(a) Automated Adaptive Testing
(b) Automated Scoring
(c) Automated Item Generation
(d) Automated Form Assembly

Presentation Schedule

Time	Title	Presenter(s)
	Thursday, November 2nd, 2017	
7:00-8:30	Registration and Breakfast	
8:30-8:45	Welcome and Comments	*Hong Jiao (University of Maryland)*
8:45-9:45	Generating Test Items for English Language Arts	*Mark Gierl & Hollis Lai (University of Alberta)*
9:45-10:45	Difficulty, Item and Response Modeling: An Intersection of AI and Assessment	*Issac Bejar & Michael Flor (Educational Testing Services)*
10:45-11:00	Break	
11:00-12:00	Reconceptualizing Items: From Clones and Automatic Item Generation to Task Model Families	*Richard Luecht (University of North Carolina, Greensboro)& Matt Burke (American Board of Internal Medicine)*
12:00-1:00	Lunch	
1:00-2:00	Estimating Person Characteristics from Voice, Speech, Language and Touch	*Jared Bernstein (Stanford University) & Jian Cheng (Analytic Measures Inc.)*
2:00-3:00	Addressing Literacy with Natural Language Processing	*Jill Burstein (Educational Testing Services)*
3:00-3:15	Break	
3:15-4:15	Practical Considerations for Implementing Automated Scoring of Writing for Large-Scale Use	*Peter Foltz (Pearson and University of Colorado, Boulder)*
4:15-5:15	Constructing LOFT Item Pools with Linear Programming	*Jeffrey Patton & Ray Y. Yan (Financial Industry Regulatory Authority)*
	Friday, November 3rd, 2017	
7:00-8:30	Registration and Breakfast	
8:30-9:30	Case Studies in Automated Test Assembly in Classical Test Theory and Item Response Theory Contexts	*Luz Bay, David Chua & Thomas P. Proctor (The College Board)*
9:30-10:30	Computerized Multistage Testing and its Applications	*Duanli Yan (Educational Testing Service)*
10:30-10:45	Break	
10:45-11:45	An Intelligent CAT that Can Deal with Disengaged Test Taking	*Steven Wise (Northwest Evaluation Association)*
11:45-12:45	Differences in the Amount of Adaptation of Computerized Adaptive Tests, Stratified Adaptive Tests and Multistage Tests	*Mark D. Reckase, Unhee Ju & Sewon Kim (Michigan State University)*
12:45-1:00	Closing Comments	*Robert Lissitz (University of Maryland)*
	Automatic Item Generation with Artificial Intelligence: The AIG of AI, by AI, and for AI. (Note: This paper is not to be presented at the conference but will be included in a book based on the conference)	*Jaehwa Choi (George Washington University)*