COTS Virtual Conference
Final Program

Wednesday, November 12

Time		
11:00 AM - 12:00 PM	**Welcome & Opening Keynote**	

| 12:05 PM - 1:05 PM | Session V1 — Detecting in the Now: Real-Time Anomaly Detection using Multimodal Inputs (**Sarah Toton & Andrew Marder**) | Session V2 — Practical Applications of Generative Artificial Intelligence in K-12 State Assessment Programs: Latest Updates on States' Use of AI in 2025 (**John Olson, Brian Reiter, Sarah Quesen & Walt Drane**) |

| 1:05 PM - 2:05 PM | **Break** | |

Session V3
Advancing Test Security in the Age of Artificial Intelligence: An Integrated Framework for Research, Education, and Practice (**Taiwo Feyijimi, Daniel Oyeniran, Olukayode Apata, Mubarak Mojoyinola, Ernest Amoateng, Justice Dadzie, John Ajamobe, Henry Makinde & Dr. Ibukun Osunbunmi**)

Session V4
Proxy Testing – The Whys and Wherefores of a Proper Investigation (**Mike Clifton, Joe White & Jeff Marsh**)

(2:10 PM - 3:10 PM)

Session V5
Novel Psychometric Approaches to Detecting Test Fraud
1. Item-Focused Forensics: Searching for the Items that Might be Compromised (**Regi Mucino & Greg Hurtz**)
2. Using Response-Times in a Test Where Candidates Can Go Back and Redo Items (**Edmund Jones**)
3. The Semantic Testlet Model: Integrating Natural Language Processing into Item Response Theory (**William Muntean, Zhuoran Wang & Shonai Someshwar**)

Session V6
When the Lawyers Come Knocking (**Camille Thompson, Jennifer Semko & Rachel Schoenig**)

(3:15 PM - 4:15 PM)

Thursday, November 13

Session V7
Practical Considerations to Improve Test Security
1. A Phenomenological Framework for Stakes Definition in Educational Testing (**Sergio Araneda & David Foster**)
2. 1% Better: Improving Exam Security Every Day (**Daniel Gualtieri**)
3. Academic Shortcuts and AI Disclosure: Emerging Threats to Academic Integrity in Literature-Based Assessments (**Olukayode Emmanuel Apatam, Segun Timothy Ajose & John Oluwaseun Ajamobe**)

Session V8
Engaging Your Ecosystem to Enhance Security (**Jarret Dyer, Isabelle Gonthier, Jim Hussey, Rachel Schoenig & Ray Nicosia**)

(11:00 AM - 12:00 PM)

Session V9
Detection of Preknowledge
1. Using Regression and Markov Transition Matrices for Identifying Anomalous Responses (**Joe Betts, William Muntean & Murat Kasli**)
2. Person-Fit Monitoring in Polytomous CAT: Comparing CUSUM and Change-Point Approaches (**Shonai Someshwar, William Muntean, Luping Niu & Zhuoran Wang**)
3. Detection of Item Preknowledge Using Proportion-Correct Scores and Structural Change Tests (**Onur Demirkaya**)

Session V10
Ongoing Challenges of Remote Test Administrations for State Assessments: Recent Changes Implemented in 2025 to Improve Test Security (**John Olson, David Ragsdale, Shaun Bates, Timothy Butcher & Walt Drane**)

(12:05 PM - 1:05 PM)

| 1:05 PM - 2:05 PM | **Break** | |

Session V11
Unfinished Business: Navigating the frustration of unresolved threats (**Megan Rees & Heidi Green**)

Session V12
Identifying Security Vulnerabilities
1. Red Teaming for Exam Security (**Iain Holland**)
2. Using AI to Improve Secondary Camera Setup in Duolingo English Test (**Yong-Siang Shih & Basim Baig**)
3. Caught on Camera: Lessons Learned from Real-World At-Home Security Incidents (**Glenn Milewski**)

(2:05 PM - 3:05 PM)

| 3:10 PM - 4:10 PM | **Closing Keynote & Conference Wrap-Up - Campus Center Auditorium**
Debaters: Jim Wollack, Claire McCauley, Isabelle Gonthier & Steve Addicott
Moderator: Rachel Schoenig | |

All times Eastern