

COTS In-Person Schedule - FINAL				
	Room 1 Campus Center - 1st Floor	Room 2 Campus Center - 1st Floor	Room 3 Campus Center - 1st Floor	Room 4 Campus Center - 1st Floor
Monday, November 3, 2025				
12:00 PM - 2:30 PM	Registration - Concourse Area, Campus Center - 1st Floor			
12:00 PM - 1:00 PM	Session 1 Behind the Mask: Social Engineering and the Hidden Threat to Test Security (Megan Rees & Heidi Green)	Session 2 From Pixels to Proctored: Relocating High-Risk Test-Takers to In-Person Exams through Scalable Online Modality Restriction (Jonathan MacKesson, Keith Becraft & Bryan Friess)	Session 3 Text Similarity Meets Test Security: Using Similarity Analyses to Identify Exposed Content (Russell Smith & Becky Ruedin)	Session 4 Anatomy of a Secure Test: Building Integrity from Start to Finish (Cicek Svensson, Isabelle, Gonthier, Jake Ritz, Susan Weaver, Ada Woo & Angela Bostwick)
1:10 PM - 2:10 PM	Session 5 Behind the Scenes – Test Security Experts Share Stories (Kim Brunnert, Danielle Bessette & Chris Glacken)	Session 6 Solving the Commercial Cheating Mystery (Rachel Schoenig, Bryan Friess, Harry Samit, Alana Chamoun & Kim Snyder)	Session 7 Evaluating the Effectiveness of Proctoring and Improving Test Security Through the Observation of Test Administrations (Brooke Westerlund & Marc Weinstein)	Session 8 Latest Research and Development in Using Generative AI for State Assessment Programs: Cutting Edge R&D and Applications for K-12 Testing (John Olson, Stephen Sireci, Sergio Araneda & Walt Drane)
2:10 PM - 2:40 PM	Break			
2:40 PM - 3:40 PM	Test Security Workshop Foundations of Test Security in the Age of AI (David Foster)	Test Security Workshop Identifying Kryptonite and Activating your Super Powers (Rachel Schoenig, Camille Thompson, Ray Nicosia, Faisel Alam, Paul Muir, Jarret Dyer, Claire McCauley, Craig Nicholson, Bryan Friess, & Harry Samit)	Session 9 Detecting Compromise Using Response Time 1. Enhancing the Use of Response Times in Answer Similarity Analysis (Nicholas Trout & Kylie Gorney) 2. Using Item Scores and Response Times to Detect Item Compromise in Computerized Adaptive Testing (Danielle Lee, Kylie Gorney, & Cassie Chen) 3. Analysis of Similarly-A aberrant Item Response Time Patterns between Pairs of Test Takers (Jason Underwood & Greg Hurtz)	
3:50 PM - 4:15 PM			Session 10 Science Under Scrutiny: Tips for Testifying on Test Security (Sarah Toton & Marc Weinstein)	
4:25 PM - 4:50 PM			Session 11 Pennsylvania State Keystone Exams- PSSA On-Site Monitoring Program (OMP) - The Gold Standard (Craig A. Weller)	
5:00 PM - 6:30 PM	Welcome Reception with Drinks & Hors D’oeuvres - Marriott Center, Campus Center 11th Floor			
Tuesday, November 4, 2025				
7:45 AM - 4:00 PM	Registration - Concourse Area, Campus Center - 1st Floor			
7:45 AM - 8:30 AM	Breakfast - Campus Center Auditorium			
8:30 AM - 9:30 AM	Welcome/Opening Keynote - Campus Center Auditorium Let’s Talk Tech! (Speakers TBD) Moderator: Rachel Shoening			
9:40 AM - 10:40 AM	Session 12 The ABC’s of the Legal Foundation for Exam Security: A Primer (Camille Thompson, Mike Clifton, Jennifer Semko & Rachel Schoenig)	Session 13 The Evolution of a Teacher Licensure Testing Program – Changing the Tires While Driving the Car (Alex Lapointe & Amy Schmidt)	Session 14 Preknowledge and Fairness Issues in Test Security 1. Functional Network Analysis in Identification of Preknowledge in Speeded Assessments (Stuart Barnum & Min Liang) 2. An Examination of Randomly Parallel Test Forms (Peter Tran & Craig Wells) 3. Bayesian Anomaly Flagging with Fairness Constraints (Michael Fauss & Ikkyu Choi)	Session 15 Exploring preknowledge mitigation techniques with real data (James Wollack, Merve Sarac, Angelica Mulfinger, Russell W. Smith & Carol Eckerly)
10:40 AM - 11:20 AM	Coffee & Networking Break			
11:30 AM - 12:30 PM	Sponsor Demonstrations: 11:30 - 11:55 Integrity Advocate Integrity Without Intrusion: Human-Centric Approaches to Continuous Test Security (Brandon A. Smith) 12:05 - 12:30 Surpass Need more items to complete your test security strategy? Turbocharge item production without jeopardizing accreditation, with Surpass Copilot (Jarret Dyer & John Dight)	Session 16 The Sorting Hat Speaks: Placing AI on the Spectrum from Test Security Hero to Villain (ATP Test Security Committee [Paul Muir, Isabelle Gonthier, Mike Sobczak, Rachel Schoenig & Marc Weinstein])	Session 17 Exam Security Investigations – Recommended Best Practices In Light of Recent Threats (Brent Morris, Brent Hill, Harry Samit & Bryan Friess)	Session 18 Innovative Monitoring Solutions 1. Threats to Assessment Security in the Age of AI and How to Prevent it (Sanjoe Jose) 2. Disrupting Test Security- A Smarter, Data-Driven Approach to Test Monitoring (Steve Addicott & Aleia Kim)
12:30 PM - 1:45 PM	Lunch - Campus Center Auditorium			
1:45 PM - 2:45 PM	Sponsor Demonstrations: 1:45 - 2:10 Internet Testing Systems Lurking in the Shadows: Test Security Monsters (Chris Glacken) 2:20 - 2:45 Pearson VUE Securing State Teacher Certification Programs (Heather Klesch, Bryan Friess, Harry Samit)	Session 19 Using Technology to Manage and Combat Security Issues 1. Case Closed: How Salesforce Transformed Our Test Security Operations (Whitney Chandler & Amy Mann) 2. Enhancing Test Security Amidst Technological Evolution (Paul Morales)	Session 20 Novel Detection Strategies. 1. Catching Imposters using Voice Recognition (David Budd) 2. Detecting LLM-Assisted Cheating in Open-Ended Writing (Chenhao Niu) 3. Identifying Clusters of Test Collusion with Random Forest Method (Irina Grabovsky & Rich Feinberg)	Session 21 Strengthening Test Security Through Policy and Manual Revisions (Timothy Butcher, Walt Drane, Jessica Fenby & John Olson)
2:55 PM - 3:55 PM	Sponsor Demonstrations: 2:55 - 3:20 Caveon Beyond Test Security Theater: Building Security That Works (Steve Addicott & David Foster) 3:30 - 3:55 Honorlock Proactive Assessment Strategies: Reimagining Test Security and Integrity (Jordan Adair & Patrick Devlin)	Session 22 The Costs of Labor vs. Technology in Remote Assessment: When the Pendulum Swings Too Far (Angela Bostwick & Nathan Thompson)	Session 23 Effective Whack-A-Moling: Strategies and Benefits of Web & Social Media Monitoring and Intervention (Becky Ruedin, Frank Aceves & Jake Ritz)	Session 24 Improving the Integrity of Innovative Balanced Assessment Systems for States: Steps Being Taken by SEAs to Ensure Secure Implementation (John Olson, Shannon Jordan, Timothy Butcher & Garron Gianopolos)
3:55 PM - 4:25 PM	Break			
4:35 PM - 5:35 PM	Sponsor Demonstrations: 4:35 - 5:00 Talview Agenic AI in Action: Reimagining Test Integrity with Alvy (Sanjoe Tom Jose) 5:10 - 5:35 Duolingo Quantifying Proctor Judgment in High-Stakes Testing (William Belzak)	Session 25 Exploring the Impact of AI-Based Item Pool Expansion 1. Randomly Parallel Tests for Cisco Systems Certifications: A Modern Solution to Better Testing and Test Security (David Foster & Anna Rubin) 2. More items, more risk? Securing AI-driven test development pipelines for scalable content security (Isabelle Gonthier & Rachel Schoenig)	Session 26 Comprehensive Literature Reviews of Data Forensics Methods 1. A Systematic Review of Machine Learning-Based Approaches for Detecting Test Fraud (Daihui Xiao & Kylie Gorney) 2. 100 Years of Detection Methods: A Quick Historical Tour of Copying Indices, Similarity Measures, and Other Test Security Detection Methods (Kevin O’Rourke)	Session 27 Panel of Nationally-recognized Experts Address Critical Issues on Recent Changes to Testing Policies and Security for National and State Assessments (John Olson, Walt Drane, Michol Stapel, Maria D’Brot & Juan D’Brot)
5:50 PM - 7:00 PM	Poster Reception & Cocktails - Marriott Center, Campus Center 11th Floor 1. Detecting Fraud Rings in Higher Education Applications Using AI, NLP, and Graph Analytics (Emrah Anayurt & Rishi Bhartiya) 2. Identifying Aberrant Behavior in CAT: A Hybrid Clustering (DBSCAN) and XGBoost Classifier Approach (Murat Kasli & Joe Betts) 3. Response Revision Analysis for Test Security: A Zero-Inflated Negative Binomial Approach (Zhuoran Wang, William Muntean & Shonai Someshwar) 4. A Unified Latent Space Item Response Model for Test Security Diagnostics (William Muntean, Zhuoran Wang & Joe Betts) 5. Detecting and Visualizing Aberrant Test-Taking Behaviors in Sparse Data via Joint Response Time/Accuracy Modeling (Jake Cho) 6. Use Hidden Message on DET Certificate to Identify Cheaters (Larry Chen) 7. How Do We Build User-Friendly Room Scans in the Duolingo English Test? (Yi He) 8. A Case Study in Braindump Evolution and Proliferation (Marcus Scott) 9. Visualizing Path Usage in Multistage Testing using Alluvial Diagrams (Fernando Mena Serrano & April Zenisky) 10. Localized Fade-Away Method for Controlling Item Exposure across Performance Levels (Ye Yuan & Kyung (Chris) T. Han) 11. From Time Zones to Time Series: Combining Classical and Learning-Based Methods to Spot Anomalies in Real-World Testing Data (Mengyau Zhang) 12. Securing Item Banks with AI-Driven Assessment Engineering (Anna Nasyrova)			
Wednesday, November 5, 2025				
7:45 AM - 11:00 AM	Registration - Concourse Area, Campus Center - 1st Floor			
7:45 AM - 8:30 AM	Breakfast - Campus Center Auditorium			
8:30 AM - 9:30 AM	Session 28 Creating a Holistic Exam Security Structure for Your Exam Suite (Rachel Schoenig, Mike Clifton, Cathy Koenig & Ada Woo)	Session 29 Responding to Today's Test Security Landscape 1. Test Security 360: Peel, Protect, Prevent - The Onion Approach to Test Security (John Dight & Jarret Dyer) 2. Evolving defense strategies in the face of deepfakes, synthetic IDs, and the AI arms race (Wally Dalrymple)	Session 30 Operational Test Security Issues 1. Small Budget, Big Impact: Low-Cost Cheating Ring Investigations (Kimberly Snyder) 2. The Need for Speed: Demonstration of a Data Forensics Tool Getting Close to "Real Time" (Steven Svoboda, Greg Hurtz, & Nicole Tucker) 3. Test Security Data Coverage and Usage (Larry Chen)	Session 31 Terrifying Testing Tales: Scary Stories from the Front Lines of Test Security for State Assessment Programs (John Olson, Walt Drane, Joe Blessing, David Ragsdale, Jessica Fenby, C. Alan Burrow, Mark Jackson & Timothy Butcher)
9:40 AM - 10:40 AM	Session 32 Creating Effective Test Security Governance Structures (Rachel Schoenig, Camille Thompson, Ray Nicosia, Faisel Alam & Jake Ritz)	Session 33 Exam Security Investigations – Recommended Best Practices In Light of Recent Threats (Brent Morris, Harry Samit & Bryan Friess)	Session 34 Innovating Fairly: How to Experiment on Remote Proctoring Without Risking Test Equity (Will Belzak, Angel Ortmann Lee, Brooke Westerlund, & Yong-Siang Shih)	Session 35 New AI-Driven Threats to Test Security: Understanding Risks and Building Defenses (Sergio Araneda, Sarah Toton, Christopher Foster, Andrew Marder & David Foster)
10:50 AM - 11:50 AM	Session 36 There is more than one way to skin a CAT (Stephen G. Sireci, April L. Zenisky, Peter Tran, Ketan, Jennifer Lewis, David Foster, & Sergio Araneda)	Session 37 Data Forensics – Stories from the Field! (Jarret Dyer, Sarah Toton, Regi Mucino, Anna Rubin, Jim Hussey & Steve Addicott)	Session 38 Technical Issues in Test Security 1. When Too Many Flags Fly: Controlling False Positives in Classroom Test Forensics (Sarah Quesen) 2. Efficient Answer Similarity Analysis using the M4 Statistic (Carol Eckerly & Kylie Gorney) 3. Demonstrating the Impact of Compromised Items and Examinees with Preknowledge on Parameter Recovery and Measurement Precision (Kevin O’Rourke)	Session 39 Crisis to Confidence: Rebuilding an Exposed Exam with AI Support (Diane Long, Chris Foster & Lily Chen)
12:00 PM - 1:00 PM	Boxed Lunches, Closing Keynote Debates & Conference Wrap-Up - Campus Center Auditorium Debaters: Alana Chamoun, Kim Brunnert, Carol Eckerly & TBD Moderator: Rachel Schoenig			