COTS In-Person Schedule - FINAL

Time	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-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 Shoenig			
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 (**Süleyman Olgar, Megan Klug, 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 Gianopulos**)
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. The AI Arms Race in Exams: How Agentic AI Can Restore Balance Between Test Takers and Exam Owners (**Sanjoe Jose**) 10. Visualizing Path Usage in Multistage Testing using Alluvial Diagrams (**Fernando Mena Serrano & April Zenisky**) 11. Localized Fade-Away Method for Controlling Item Exposure across Performance Levels (**Ye Yuan & Kyung (Chris) T. Han**) 12. From Time Zones to Time Series: Combining Classical and Learning-Based Methods to Spot Anomalies in Real-World Testing Data (**Mengyau Zhang**) 13. 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 Areneda**)	**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			