Harnessing the Power of AI Systems in Forensic Science
Tuesday July 8 – Wednesday July 9, 2025

Day 1 | Tuesday July 8 | 9:00 AM - 5:00 PM

Time	Topic	Presenter
9:00 – 9:05 AM	**Opening Remarks and Welcome**	**Nicole Jones, RTI International** **Michael Rosenblum, Johns Hopkins Bloomberg School of Public Health**
9:05 – 9:20 AM	**Overview of AI and Forensic Science at RTI International**	**Duren Banks, RTI International**
9:20 – 9:40 AM	**Overview of Forensic Science at NIST**	**Craig Schlenoff, National Institute of Standards and Technology**
9:40 – 10:10 AM	**Keynote: Transformative Potential of AI**	*To be announced*
10:10 – 10:25 AM	**Break**	
10:25 – 10:45 AM	**Overview of AI: Role of AI in Modern Forensic Science**	**Martin Stanley, National Institute of Standards and Technology**
10:45 – 11:55 AM	**AI In Action Panel: How AI is Used in Various Industries**	**Moderator: Nicole Jones, RTI International** **Dr. Peter Stout, Houston Forensic Science Center** **Esube Bekele, In-Q-Tel** **Yaneisy Delgado, Miami-Dade Sheriff's Office Crime Laboratory** **Emily Hadley, Microsoft AI Red Team** **Stephanie Stoiloff, Miami-Dade Sheriff's Office Forensic and Technology Division** **Agnes Winokur, DEA Special Testing and Research Laboratory** **Andrew Wong, Miami-Dade County Information Technology Department**
11:55 – 12:55 PM	**Lunch**	
12:55 – 1:05 PM	**Introduction to Breakouts**	
1:05 – 1:55 PM	**Breakout 1: Knowledge Sharing** *Introductions, small group knowledge sharing activity, and report out*	

Harnessing the Power of AI Systems in Forensic Science
Tuesday July 8 – Wednesday July 9, 2025

Day 1 | Tuesday July 8 | 9:00 AM - 5:00 PM

Time	Topic	Presenter
1:55 – 2:45 PM	**Introduction to Use Cases, Risk Management Framework (RMF) and AI Tools**	**Michael Duprey, RTI International** **Daniel Katz, Maryland State Police Forensic Sciences Division and ASCLD** **Dr. Niki Osborne, The Forensic AI** **Melissa Taylor, National Institute of Standards and Technology**
2:45 – 3:10 PM	**Intro to Breakout 2 and Short Break**	
3:10 – 4:40 PM	**Breakout 2: Use Case Brainstorming** *Defining AI forensics use cases and identifying potential solutions and prioritization*	
4:40 – 5:00 PM	**Day 1 Recap**	**Henry Swofford, National Institute of Standards and Technology**

Day 2 | Wednesday July 9 | 9:00 AM - 5:00 PM

Time	Topic	Presenter
9:00 – 9:15 AM	**Welcome and Objectives for Day 2**	**Melissa Taylor, National Institute of Standards and Technology**
9:15 – 10:15 AM	**Keynote: High-stakes Decision-making and Court Acceptance**	**Moderator: Nicole Jones, RTI International** **Dana Delger, National Institute of Standards and Technology** **Reva Schwartz, Civitaas Insights, LLC** **Hon. (ret) Donald Shelton, Michigan State University and University of Arizona** **Amy Watroba, Illinois Forensic Science Commission**
10:15 – 10:30 AM	**Break**	

Harnessing the Power of AI Systems in Forensic Science
Tuesday July 8 – Wednesday July 9, 2025

Day 2 | Wednesday July 9 | 9:00 AM - 5:00 PM

Time	Topic	Presenter
10:30 – 11:30 AM	**Implementing AI Systems for Forensic Science** *Attributes, testing, evaluation and continuous monitoring and policy implication*	**Moderator: Michael Duprey, RTI International** **Andrea Brennen, In-Q-Tel** **Brandon Epstein, Magnet Forensics** **Michael Majurski, National Institute of Standards and Technology** **Michael Rosenblum, Johns Hopkins Bloomberg School of Public Health**
11:30 -12:30 PM	**Lunch & Lightning Round Presentations**	*To be announced*
12:30 – 12:45 PM	**Introduction to Breakouts and Short Break**	
12:45 – 1:50 PM	**Breakout 3: Court Admissibility: Reliability and General Acceptance**	
1:50 – 2:15 PM	**Breakout 4: Prepare Report Out and Summary Materials**	
2:15 – 3:00 PM	**Report Out by Breakout Group**	
3:00 – 3:30 PM	**Synthesize Finding and Opportunity Areas from Breakouts**	**Henry Swofford, National Institute of Standards and Technology**
3:30 – 3:45 PM	**Break**	
3:45 – 4:45 PM	**Closing Panel: Path Forward for AI in Forensic Science**	**Moderator: Marc Canellas, Maryland Office of the Public Defender** **Moderator: Melissa Taylor, National Institute of Standards and Technology** **Hon. (ret) Donald Shelton, Michigan State University and University of Arizona** **Stephanie Stoiloff, Miami-Dade Sheriff's Office Forensic and Technology Division** **Dr. Peter Stout, Houston Forensic Science Center**

Day 2 | Wednesday July 9 | 9:00 AM - 5:00 PM

Time	Topic	Presenter
4:40 – 5:00 PM	Day 2 Recap	Henry Swofford, National Institute of Standards and Technology
		Melissa Taylor, National Institute of Standards and Technology