

Harnessing the Power of AI Systems in Forensic Science

March 18-19, 2025

Day 1 | Tuesday March 18, 2025 | 9:00 AM - 5:00 PM

9:00 AM – 9:05 AM	Opening Remarks and Welcome
9:05 AM – 9:20 AM	Overview of AI at NIST
9:20 AM – 9:40 AM	Overview of Forensic Science at NIST
9:40 AM – 10:10 AM	Keynote: Transformative Potential of AI
10:10 AM – 10:25 AM	Break
10:25 AM – 10:55 AM	Overview of AI and Role of AI in Modern Forensic Science
10:55 AM – 11:55 AM	AI In Action Panel Discussion
11:55 AM -12:55 PM	Lunch
12:55 PM – 1:05 PM	Introduction to Breakouts
1:05 PM – 1:55 PM	Introductions Small Group Knowledge Sharing Activity Report out
1:55 PM – 2:45 PM	Introduction to Use Cases, RMF and AI tools
2:45 PM – 3:10 PM	Intro to Breakout 2 and Short Break
3:10 PM – 4:40 PM	Breakout 2: Use Case Brainstorming Defining AI forensics use cases and identifying potential solutions
4:40 PM – 5:00 PM	Day 1 Recap

Day 2 | Wednesday March 19, 2025 | 9:00 AM - 5:00 PM

9:00 AM – 9:15 AM	Welcome and Objectives for Day 2
9:15 AM – 10:15 AM	Keynote: High-stakes Decision-making and Court Acceptance
10:15 AM – 10:30 AM	Break
10:30 AM – 11:30 AM	Implementing AI Systems for Forensic Science
11:30 AM – 12:30 PM	Lunch
12:30 PM – 12:45 PM	Introduction to Breakouts and Short Break
12:45 PM – 1:50 PM	Breakout 3: Court admissibility: reliability and general acceptance
1:50 PM – 2:15 PM	Breakout 4: Prepare Report Out and Summary materials
2:15 PM – 3:00 PM	Report out by breakout group
3:00 PM – 3:30 PM	Synthesize finding and opportunity areas from breakouts
3:30 PM – 3:45 PM	Break
3:45 PM – 4:45 PM	Closing Panel: Path Forward for AI in Forensic Science
4:40 PM – 5:00 PM	Day 2 Recap