

Day 1: November 05, 2020

8:00 - 8:10 AM ET	Introduction	Shyam Sunder
8:10 - 8:20 AM ET	Forensics Overview	Robert Ramotowski
8:20 - 9:30 AM ET	Statistics Session Chair Moderator: Will Guthrie; Backup: Adam Pintar	
8:20 - 8:30 AM ET	Statistics Overview	Will Guthrie
8:30 - 8:50 AM ET	Statistical Models for Similarity Score Comparisons in Firearm Evidence Identifications	Nien-Fan Zhang
8:50 - 9:10 AM ET	The NIST Footwear Impression Comparison System	Steven Lund
9:10 - 9:30 AM ET	A New Statistical Procedure to Assess Calibration Accuracy of Likelihood Ratio Systems	Hari Iyer
9:30 - 9:45 AM ET	Statistics Q&A	
9:45 - 10:00 AM ET	BREAK	
10:00 - 11:10 AM ET	C-Safe Overview Session Chair Moderator: Alicia Carriquiry	
10:00 - 10:15 AM ET	CSAFE Research Update	Alicia Carriquiry
10:15 - 10:30 AM ET	CSAFE Footwear Impression Analysis	Charless Fowlkes
10:30 - 10:45 AM ET	CSAFE Firearms and Toolmarks	Heike Hofmann
10:45 - 11:00 AM ET	CSAFE Implementation and Practice	Brandon Garrett
11:00 - 11:10 AM ET	Closing	Alicia Carriquiry
11:10 - 11:25 AM ET	C-Safe Q&A	
11:25 AM - 12:30 PM ET	LUNCH BREAK	
12:30 - 2:15 PM ET	Forensic Genetics Session Chair Moderator: Peter Vallone	
12:30-1:20 PM ET	Research Programs and Standards Production	Peter Vallone
1:20-2:15 PM ET	Next Generation Sequencing for Forensic Genetics	Katherine Gettings
2:15 - 2:30 PM ET	Forensics Q&A	
2:30 - 2:45 PM ET	BREAK	
2:45 - 4:30 PM ET	Firearms and Associated Toolmarks Session Chair Moderator: Johannes Soons; Backup: Robert Thompson	
2:45 - 3:05 PM ET	Firearms and Toolmarks Overview	Johannes Soons
3:05 - 3:30 PM ET	A Metrology Foundation for Firearm and Toolmark Examination	Michael Stocker
3:30 - 3:55 PM ET	Reference Population Database of Firearm Toolmarks (RPDFT)	Alan Zheng
3:55 - 4:30 PM ET	Digital Preservation of the President John F. Kennedy Assassination Ballistic Artifacts	Robert Thompson and T. Brian Renegar
4:30 - 4:45 PM ET	Firearms Q&A	
4:45 - 5:00 PM ET	Day 1 Wrap-Up	TBD

Day 2: November 06, 2020

8:00 - 8:15 AM ET	Welcome & Recap of Previous Day	Robert Ramotowski
8:15 – 10:00 AM ET	Digital and Identification Evidence Session Chair Moderator: Barbara Guttman	
8:15 - 8:30 AM ET	Overview of the NIST Digital Evidence Program	Barbara Guttman
8:30 - 8:50 AM ET	How Do I Make the NSRL Hashes fit My Needs?	Doug White
8:50 - 9:10 AM ET	CFTT & String Searching	Jim Lyle
9:10 - 9:30 AM ET	What's New About CFTT & Mobile? SQLite, SQLite Recovery and a new Federated Testing Tool	Jenise Reyes Rodriguez
9:30 - 9:50 AM ET	A new CFReDS: Sharing DE Datasets	Rick Ayers and Mehdi Shahid
9:50 - 10:00 AM ET	NIST Black Box Study of DE Tools – What have we learned so far?	Barbara Guttman
10:00 - 10:15 AM ET	Live Q&A Digital and Identification Evidence	
10:15 - 10:30 AM ET	BREAK	
10:30 AM- 12:15 PM ET	Trace Session Chair Moderator: Marcela Najarro	
10:30 - 10:45 AM ET	Development of a more comprehensive and extensible hair peptide spectral library	Zheng "Jane" Zhang and Meghan Burke
10:45 - 11:00 AM ET	Advances in Dynamic Vapor Sampling Towards Reliable Field Deployment	Megan Harries
11:00 - 11:15 AM ET	Bulk and Micro-Scale Trace Element Analysis of Glass SRMs Using Modern Nuclear Analytical Methods and LA-ICP-MS	Nick Sharp
11:15 - 11:30 AM ET	An Interlaboratory Study Evaluating the Interpretation of Forensic Glass Evidence Using Refractive Index Measurements and Elemental Composition	Ruthie Corzo
11:30 - 11:45 AM ET	A Standard Methodology for the Analysis of Paint by FTIR	Stephanie Watson
11:45 AM - 12:00 PM ET	Hybrid Thermal Desorption -Ambient MS developments for the trace detection of explosives	Thomas Forbes
12:00 - 12:15 PM ET	An objective, quantitative, statistically defensible scheme based on fitted intensity ratios for GSR analysis.	Nicholas Ritchie
12:15 - 12:30 PM ET	Live Q&A Trace	
12:30 - 1:30 PM ET	LUNCH BREAK	
1:30 - 3:15 PM ET	Drugs & Toxins Session Chair Moderator: Ed Sisco; Backup: Marcela Najarro	
1:30 - 1:50 PM ET	Using Visualization Tools to Understand Drug Evidence Handling Processes	Matthew Staymates
1:50 - 2:15 PM ET	Development of Novel Workflows for Drug Chemistry	Edward Sisco
2:15 - 2:35 PM ET	Software Tools for DART-MS and GC-MS Data	Arun Moorthy
2:35 - 2:55 PM ET	Benchtop NMR for Forensic Drug Analysis	Aaron Urbas
2:55 - 3:15 PM ET	An Overview of the Hemp Measurement Service Program	Melissa Phillips & Brent Wilson
3:15 - 3:30 PM ET	Live Q&A Drugs & Toxins	
3:30 - 4:00 PM ET	Biometrics Human Examiner Overview	
3:30 - 4:00 PM ET		Jonathon Phillips
4:00 - 4:15 PM ET	Final Wrap-Up	TBD