

Wednesday

Poster Session

- 11:30 a.m. – 1:00 p.m. **F1** **Post-Conviction DNA Testing: Annual Summary of a Law School and University Collaboration to Identify and Evaluate Post-Conviction Case**
*Katherine A Roberts, PhD**; *Paula M. Mitchell, JD*; *Nikki Herst-Cook, JD*; *Paige McGrail, JD*; *Mehul Anjaria, MS*
- F2** ***Qui Custodiet Ipsos Custodes?* (Who Guards the Guards?) Obligations and Rights of Parents and Children**
*Benedetta Pia De Luca, MD**; *Mariela Marrone*; *Nicola Laforgia, MD*; *Alessandra Stellacci, MD*; *Luigi Buongiorno, MD*; *Francesco Vinci, MD*
- F3** **Mandatory Vaccination for COVID-19? The Italian Case: Prevention Obligations and Ethical Profiles**
Alberto Marchese, PhD; *Cristina Mondello, MD, PhD*; *Luigi Cardia, MD**; *Elvira Ventura Spagnolo, MD, PhD*; *Aurora Vesto, PhD*

Thursday

Standards/Legacy Technology-Part I

Moderator:

TBD

Co-Moderator:

TBD

- 8:45 a.m. – 9:00 a.m. **F4** **Standards Development Activities in Forensic Science: Legal Impacts Moving Forward**
*Christopher Plourd JD**
- 9:00 a.m. – 9:30 a.m. **F5** **Strengthening Forensic Science Through Independent Verification and Validation: The Path Forward**
*Marc Canellas, JD, PhD**
- 9:30 a.m. – 9:45 a.m. **F6** **Giving the Defense Bar a Seat at the Table: The Importance of Ensuring a Defense Perspective in Standard Development in the Firearms Identification Field**
*Kyla J. Wells, JD**
- 9:45 a.m. – 10:00 a.m. **BREAK**
- 10:00 a.m. - 10:30 a.m. **F7** **Sniffing Out Crime?: The Science and the Law of Drug Detection Dogs**
*Dana Delger, JD**; *Michelle Grant*
- 10:30 a.m. – 11:00 a.m. **F8** **Current Scientific Issues for Human Remains Detection Dog Cases in Court: Animal Remains and Residual Odor**
*Mary Cablk, PhD**
- 11:00 a.m. – 11:30 a.m. **F9** **Firearms Tool Mark Comparison: The 2008/2009 NAS Report, the 2016 PCAST Report, and the AMES Study**
*John Nixon, MBA**

- 11:30 a.m. – 12:00 p.m. **F10** **Mixtures and Baskerville Data—The Importance of What Isn't There**
*Charles Brenner, PhD**
- 12:00 p.m. – 12:15 p.m. **F11** **A Forensic Analysis of “Gang Cop” Testimony**
*Sarah Sanger, JD**
- 12:15 p.m. – 1:15 p.m. **BREAK**

Legacy Technology-PartII/Juries and Jurists

Moderator:

TBD

Co-Moderator:

TBD

- 1:15 p.m. - 1:45 p.m. **F12** **Fire Investigation Experts: Recommendations for Expressing Opinions in Reports and Testimony**
Terry-Dawn Hewitt, LLM;* *McKenna Hewitt*
- 1:45 p.m. - 2:15 p.m. **F13** **The History of Bitemark Evidence in America**
*Christopher Plourd, JD**
- 2:15 p.m. - 2:30 p.m. **F14** **Y-Chromosomal Short Tandem Repeat (Y-STR) Testing in Indian Country: The Injustice of Ignoring Y-Chromosomal Variation Within and Among Tribal Communities**
*J.D. Schmid, JD**
- 2:30 p.m. - 2:45 p.m. **BREAK**
- 2:45 p.m. - 3:15 p.m. **F15** **Understanding Juror Comprehension of Forensic Testimony: Assessing Jurors' Decision Making and Evidence Evaluation**
Cassidy Koolmees, BS, BA;* *Devon LaBat, BS;* *Jacqueline Evans, PhD;* *Nadja Schreiber Compo, PhD;* *Deborah Goldfarb, JD, PhD*
- 3:15 p.m. - 3:45 p.m. **F16** **Juror Understanding of the Weight of Evidence Presented as a Likelihood Ratio and the Impact on the Deliberative Process**
*Bess Stiffelman, JD**
- 3:45 p.m. - 4:45 p.m. **F17** **The Role of Opinions, Probability, and Likelihood Ratios in Forensic Evidence Communication by Experts**
Hari Iyer, PhD;* *Steve Lund, PhD*
- 4:45 p.m. - 5:15 p.m. **F18** **Should Low Likelihood Ratios (LRs) Be Admissible? Considering the Kinship Problem**
*Clinton Hughes, JD**
- 5:15 p.m. - 5:30 p.m. **F19** **Touch DNA Communication in the Courtroom: Developing Methods for the Effective Communication of Forensic Science Data**
*Julie Burrill, PhD**

Friday—Session I

Ethics and Fairness/New Technology Part I

Moderator:

TBD

Co-Moderator:

TBD

- 8:30 a.m. – 9:00 a.m. **F20** **The Application of the OSAC Registry of Standards to the Revised Federal Rules of Evidence Rule 702**
Mark D. Stolorow, MS, MBA
- 9:00 a.m. – 9:30 a.m. **F21** **Medical Biobanks—Different Aims, Same Controversies: How to Approach the Constitutional Lens to Bioethical Dilemmas of Human Rights, Civil Claims, and Solving Crimes**
*Maria Ciruzzi, PhD**
- 9:30 a.m. – 10:00 a.m. **F22** **Shifting Forensic Science Development From the Organization to the Discipline**
*Claude Roux, PhD**; *Sheila Willis, PhD*; *Celine Weyermann, PhD*
- 10:00 a.m. - 10:30 a.m. **F23** **Forensic Science Leading the Fight Against Illicit Pharmaceuticals**
*Geoffrey Albert-Bolinski, BA**; *Belen Gonzalez Amoros, MSc*; *Janine Brouillette, MSc*; *John Douglass, BSc*; *Stephanie Beer, MSc*; *Dorottya Sallos, MSc*; *Christopher Hopkins, MSc*; *Tony Zook, PhD*
- 10:30 a.m. – 11:00 a.m. **F24** **Court Proceedings During the COVID-19 Pandemic**
*Julianna Firek**; *Lyndsie N. Ferrara, PhD*
- 11:00 a.m. – 11:30 a.m. **F25** **Perpetuating the Presumption of Guilt: The Role of Implicit Racial Bias in Forensic Testimony**
*Janis Puracal, JD**; *Aliza Kaplan, JD*
- 11:30 a.m. – 1:00 p.m. **BREAK**

New Technology Part II

Moderator:

TBD

Co-Moderator:

TBD

- 1:00 p.m. – 1:15 p.m. **F26** **The Art of Retrieving Documents From Messaging Apps**
*John Carney, JD**
- 1:15 p.m. – 1:45 p.m. **F27** **Pandemonium in Social Media: A Collision Course With the Fourth Amendment**
*Gary McDonald, JD**
- 1:45 p.m. – 2:15 p.m. **F28** **Picture Me Rollin': Personal Privacy in the Land of Automated License Plate Readers**
*Michael Buresh, JD**
- 2:15 p.m. – 3:15 p.m. **F29** **Michael Williams v. Forensic Gunshot Audio Detection: How Unvalidated Forensic Evidence Sent an Innocent Man to Jail**
*Brendan Max, JD**
- 3:15 p.m. – 3:45 p.m. **BREAK**

- 3:45 p.m. – 4:30 p.m. **F30** **The Dangerous Creep of Investigative Forensic Techniques Into Criminal Trials**
*M. Chris Fabricant, JD**
- 4:30 p.m. – 4:45 p.m. **F31** **A Strict Metrological Approach to the Validity as Applied of DNA Profiling**
Veronica Scotti, JD; Alessandro Ferrero, MSc*
- 4:45 p.m. - 5:00 p.m. **F32** **Making Something Out of Nothing: The Inconclusive Fallacy**
*Kelley Kulick, JD; Mark Perlin, PhD, MD, PhD**

Friday—Session II

Case Studies

Moderator:

TBD

Co-Moderator:

TBD

- 1:00 p.m. – 1:30 p.m. **F33** **The Impact of Post-Traumatic Stress Disorder (PTSD) on the Crime Scene: Expected Results**
Donatella Curtotti, PhD; Giovanni Messina, PhD; Francesco Sessa, PhD; Wanda Nocerino, PhD, MD; Fabrizio Vanaria, MD*
- 1:30 p.m. – 2:00 p.m. **F34** **Flawed Forensic Evidence in South Korea’s Wrongful Convictions**
*Myeonki Kim, SJD**
- 2:00 p.m. – 2:30 p.m. **F35** **When DNA Lies: One Family’s Reckoning With an Erroneous Test Result**
Melanie Armstrong, BA; Tynan Peterson, MA*
- 2:30 p.m. – 3:00 p.m. **F36** **Cannabis Green Tongue: Anecdotal Science and Legal Fiction**
Gerald Feigin, MD; Gil Sapir, JD, MSc*