



Wednesday

Poster Session

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| 11:30 a.m. - 1:00 p.m. | F1 | <p>A Jurisprudential Analysis of the DNA Exam and Its Use as Evidence in Decisions of Brazil's Superior Court of Justice <i>Maria Eduarda A. Amaral*</i>; <i>Nereu J. Giacomolli</i></p> |
| 11:30 a.m. - 1:00 p.m. | F2 | <p>Iter Criminis and Mens Rea: A Methodology to Understand an Offender's True Intention Based on a Revision of the Concept of Guilt in Italian Criminal Law <i>Vincenzo Lusa, JD*</i>; <i>Annarita Franza, PhD*</i></p> |
| 11:30 a.m. - 1:00 p.m. | F3 | <p>Judicial Aspects of Suicide Inducement in the Turkish Judicial System and a Review of the Erol Cetin Case <i>Oktay Cavus, MSc*</i>; <i>Hatice Yilmaz, BSc*</i>; <i>Sevil Atasoy, PhD</i>; <i>Tugba Ünsal, PhD</i></p> |

Thursday

DNA

*Moderator: Roderick T. Kennedy, JD
 Albuquerque, NM*

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| 8:30 a.m. - 9:30 a.m. | F4 | <p>The Theory of Criminal Relativity: Using Genealogy Databases to Solve Crimes <i>Donald E. Shelton, JD, PhD*</i>; <i>Frederick R. Bieber, PhD*</i></p> |
| 9:30 a.m. - 9:50 a.m. | F5 | <p>A Proposal for Legislative Oversight of Genealogical Websites <i>Stephen B. Mercer, JD*</i>; <i>Isabelle R. Raquin, LLM*</i></p> |
| 9:50 a.m. - 10:10 a.m. | F6 | <p>Results of a Survey on Probabilistic Genotyping From the Legal Community <i>Michael D. Coble, PhD*</i></p> |
| 10:10 a.m. - 10:30 a.m. | Break | |

DNA II

*Moderator: Jason D. Ricke, JD, LLM
 Office of the Public Defender
 Upper Marlboro, MD*

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| 10:30 a.m. - 11:00 a.m. | F7 | <p>The Strengths and Limitations of Transfer DNA Evidence Recovered From Objects Handled by Multiple Individuals <i>Leann G. Rizor, BS*</i>; <i>Jonah W.P. Stone, BS</i>; <i>Krista E. Latham, PhD</i>; <i>Cynthia Cale, MS</i>; <i>Gay L. Bush, PhD</i></p> |
| 11:00 a.m. - 11:20 a.m. | F8 | <p>Indirect DNA Transfer: The Impact of Contact Length on Skin-to-Skin-to-Object DNA Transfer <i>Cynthia Cale, MS*</i>; <i>Krista E. Latham, PhD</i>; <i>Stephen P. Nawrocki, PhD</i>; <i>Gay L. Bush, PhD</i></p> |



JURISPRUDENCE

- 11:20 a.m. - 11:40 a.m. **F9** **Investigating the Potential for Transfer DNA on Laboratory Gloves**
*Caitlin C.M. Vogelsberg, MS**; *Krista E. Latham, PhD*; *Cynthia Cale, MS*; *Gay L. Bush, PhD*
- 11:40 a.m. - 12:00 p.m. **F10** **Post-Conviction DNA Testing: A Laboratory's Perspective and Participation in a Multi-Agency Collaboration for the Identification and Evaluation of Post-Conviction Cases**
*Kerry A. Collins, JD**; *Lynn A. Schneeweis, MS**; *Dorothea S. Collins, MLA*; *Kristen Sullivan, MS*
- 12:00 p.m. - 1:30 p.m. **Lunch**

Poster Session

- 11:30 a.m. - 1:00 p.m. **F11** **False Confessions in Juveniles: Do Juveniles Know and Understand Their Miranda Rights?**
*Crystal Cafiero, MFS**; *Ismail M. Sebetan, MD, PhD**; *Paul Stein, PhD**
- 11:30 a.m. - 1:00 p.m. **F12** **A New Informed Consent in View of the 2017 Italian Law 219—Marketing and Communication**
*Valentina Ronco, MD**; *Fiorenza Zotti, PhD*; *Angela Pezzolla*; *Eloisa Maselli, MD*; *Valeria Bruno, MD*; *Francesca Donno, MD*; *Davide Ferorelli*; *Gianni De Giorgio*; *Federica Misceo*; *Alessandro Dell'Erba, PhD*
- 11:30 a.m. - 1:00 p.m. **F13** ***Voluntas Aegroti Suprema Lex Esto*: Ethics in Real Life in New Italian Law**
*Francesca Donno, MD**; *Valentina Ronco, MD*; *Davide Ferorelli*; *Gianni De Giorgio*; *Fiorenza Zotti, PhD*; *Eloisa Maselli, MD*; *Valeria Bruno, MD*; *Loreto Gesualdo, FP*; *Alessandro Dell'Erba, PhD*

Ethical Considerations

Moderator: Michele Vaira, JD
Foggia, ITALY

- 1:30 p.m. - 1:50 p.m. **F14** **The Potential and Problem of Academics as Forensic Experts**
*Carole E. Chaski, PhD**
- 1:50 p.m. - 2:10 p.m. **F15** **The Duty to Correct Erroneous or Inadvertently Misleading Forensic Science Testimony**
*Sarah Chu, MS**; *Bryce Benjet, JD*
- 2:10 p.m. - 2:30 p.m. **F16** **The Ethical Boundaries of Presenting Expert Testimony in a Criminal Trial**
*Walter M. Reeves, JD**
- 2:30 p.m. - 3:00 p.m. **F17** **I Didn't Get It Wrong: Prosecutorial Denial in the Face of Forensic Evidence of Innocence**
*Alissa L. Bjerkhoel, JD**
- 3:00 p.m. - 3:20 p.m. **Break**



Miscellaneous Science

Moderator: S.B. Addison Larson, MS
Sherman, CT

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| 3:20 p.m. | - | 3:40 p.m. | F18 | K-9 Evidence in the Courtroom <i>Mary E. Cablk, PhD*</i> |
| 3:40 p.m. | - | 4:00 p.m. | F19 | Legal Theories for Prosecution of Opioid Overdoses Resulting in Death Under State and Federal Law Principles <i>M.J. Menendez, JD*</i> ; <i>Barry K. Logan, PhD</i> |
| 4:00 p.m. | - | 4:20 p.m. | F20 | Novel Psychoactive Substances, Fentanyl Analogs, and Scheduling: Federal and State Responses <i>M.J. Menendez, JD*</i> ; <i>Barry K. Logan, PhD*</i> |
| 4:20 p.m. | - | 4:40 p.m. | F21 | Secure Continuous Remote Alcohol Monitor (SCRAM) Test Results: Fact, Fiction, Puffery, Rhetoric, and Hokum <i>Donald J. Ramsell, JD*</i> ; <i>Gil Sapir, JD</i> |
| 4:40 p.m. | - | 5:00 p.m. | F22 | Due Process and Ethics: Crime Laboratories Cannot Be Paid for Convictions <i>Michelle L. Behan, JD*</i> ; <i>Gil Sapir, JD</i> |

Friday—Session I

Forensic Challenges

Moderator: Veronica Scotti, LLM
Politecnico Di Milano—Il Dipartimento di Elettronica
Informazione e Bioingegneria
Milano, ITALY

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| 8:30 a.m. | - | 8:50 a.m. | F23 | New York City (NYC) Polo Grounds Murders: Was It Bernard Perez or “The Beast”? <i>Kerry J. O’Connell, JD*</i> |
| 8:50 a.m. | - | 9:10 a.m. | F24 | The Evidentiary Standard for Authenticating Social Media Posts in Litigation <i>Stephanie Domitrovich, JD, PhD*</i> |
| 9:10 a.m. | - | 9:30 a.m. | F25 | Emerging Trends in Electronic Surveillance <i>Gary McDonald, Jr., JD*</i> |
| 9:30 a.m. | - | 9:50 a.m. | F26 | Expert Challenges Using Industry Standards <i>John J. Lentini, BA*</i> |
| 9:50 a.m. | - | 10:10 a.m. | F27 | National Fire Protection Association (NFPA) 921 in Court: Lessons From 500 Case Decisions Over a Quarter Century and Across Two Countries <i>Terry-Dawn Hewitt, LLM*</i> ; <i>Wayne J. McKenna, LLB</i> |
| 10:10 a.m. | - | 10:30 a.m. | | Break |



JURISPRUDENCE

Fingerprints and Forensics in Europe

*Moderator: Kenneth E. Melson, JD
The George Washington University Law School
Montclair, VA*

- 10:30 a.m. - 11:20 a.m. **F28** **Three Attorneys Participate in Fingerprint Proficiency Testing: Results and Observations**
Brendan P. Max, JD; Joseph Cavise, JD*; Richard E. Gutierrez, JD**
- 11:20 a.m. - 11:40 a.m. **F29** **The Regulation of Forensic Science Evidence in Europe**
*Joelle V. Vuille, PhD**
- 11:40 a.m. - 12:00 p.m. **F30** **The International Criminal Court and the Forensic Science Community**
*Victor W. Weedn, MD, JD**
- 12:00 p.m. - 1:30 p.m. **Lunch**

Poster Session

- 11:30 a.m. - 1:00 p.m. **F31** **False Positive Breath Alcohol After Pharyngeal Spray Treatment**
Duygu Yavuz; Tugba Ünsal, PhD; Sevil Atasoy, PhD*
- 11:30 a.m. - 1:00 p.m. **F32** **Self-Determination and Living Wills: The Actual Italian Context After the Promulgation of the 2017 Law 219 on End of Life Issues**
Matteo Scopetti, MD; Vittorio Gatto, MD; Alessandro Santurro, MD; Mariantonia Di Sanzo, MD; Raffaele La Russa, MD; Paola Frati, PhD*
- 11:30 a.m. - 1:00 p.m. **F33** **Depleted Uranium and Cancer Risk: A Case Report**
Martina Fichera, MD; Giuseppe Davide Albano, MD; Aldo Liberto, MD*; Francesco Amico, MD; Maria Tea Teodoro, MD; Massimiliano Esposito, MD*; Diego Geraci, PhD; Orazio Cascio, MD*

Metrology and Methods

*Moderator: John D. Schmid, JD
Duluth, MN*

- 1:30 p.m. - 1:50 p.m. **F34** **Should Forensic Science Rely on Opinions or Factual Data? The Role of Forensic Metrology**
*Alessandro M. Ferrero, MSc; Veronica Scotti, LLM**
- 1:50 p.m. - 2:10 p.m. **F35** **A Metrologically Sound Assessment of Blood Alcohol Concentration (BAC) Through a Breath Alcohol Concentration (BrAC) Measurement**
*Alessandro M. Ferrero, MSc; Veronica Scotti, LLM**
- 2:10 p.m. - 2:30 p.m. **F36** **Preferred Crime Scene Documentation Methods**
Giovanna M. Vidoli, PhD; Michael W. Kenyhercz, PhD; Joanne Devlin, PhD; Jason J. Keller, MFS*



- 2:30 p.m. - 2:50 p.m. **F37** **Developing an Introductory Analytical Science Training Program for Lawyers and Judges**
*Nicolas R. Hughes, JD**; *Ashraf Mozayani, PharmD, PhD*; *Jasmine M. Drake, PhD*
- 2:50 p.m. - 3:20 p.m. **Break**

Forensic Consequences

Moderator: Robert M. Sanger, JD
Sanger Swysen & Dunkle
Santa Barbara, CA

- 3:20 p.m. - 3:40 p.m. **F38** **To Disclose or Not To Disclose: How Outcome-Based Case Theory Guides Information Gathering in Mental Health Evaluations**
*Jason D. Ricke, JD, LLM**
- 3:40 p.m. - 4:00 p.m. **F39** **The Impact of Forensic Evidence on Drug-Related Offense Sentencing Outcomes**
*Jennifer W. Bourgeois, MS**; *Jasmine M. Drake, PhD**
- 4:00 p.m. - 4:20 p.m. **F40** **Problems and Possibilities With Foreign DNA in a Capital Post-Conviction Defense Investigation**
*Matilde J. Carbia, JD**; *Kevin Riach, JD**
- 4:20 p.m. - 4:40 p.m. **F41** **The Forensic Use of Closed-Circuit Television (CCTV) Surveillance Cameras in Italy: A Standard Procedure in Criminal Investigations to Enhance the Impact on Decision Making**
*Donatella Curtotti**; *Sebastiano Battiato, PhD**; *Vittorio Rizzi**; *Oliver Giudice, PhD**; *Antonino Paratore**; *Wanda Nocerino**
- 4:40 p.m. - 5:00 p.m. **F42** **Dead or Alive: A Bioethics Approach to the Understanding of Brain Death Diagnosis by Families and Courts—A Report on Two Cases From the United States and Argentina**
*Maria Susana Ciruzzi, PhD**

Friday—Session II

Multidisciplinary Session: Criminalistics I/Jurisprudence II—Justice Cannot Happen in a Vacuum

Moderator: Amrita Lal-Paterson, MSFS
Division of Forensic Science
Wilmington, DE

Co-Moderator: Jacquelyn A. Smith, JD
Charlotte Mecklenburg Schools
Cornelius, NC

- 1:00 p.m. - 3:00 p.m. **F43** **Justice Cannot Happen in a Vacuum: Toward a Better Representation of the Science, the Client, and the Case Through Open Communication**
*Charlotte J. Word, PhD**; *Terri Rosenblatt, JD**; *Raymond Valerio, JD**; *Heather H. Degnan, PhD**



JURISPRUDENCE

Saturday

Cases and Controversies I

*Moderator: Quandee Semrow, JD
Cook County Public Defender
Forensic Science Division
Chicago, IL*

- 8:30 a.m. - 9:30 a.m. **F44** **You Are the Judges! An Interactive Session in Forensic Medicine and Pathology on the Admissibility of Scientific Evidence in Shaken Baby Syndrome (SBS) and Abusive Head Trauma (AHT) Cases**
*W. Milton Nuzum III, JD**; *Stephanie Domitrovich, JD, PhD**
- 9:30 a.m. - 9:50 a.m. **F45** **Forensic Validation, Error, and Reporting: A Unified Approach**
*Mark W. Perlin, PhD, MD**
- 9:50 a.m. - 10:10 a.m. **Break**

Cases and Controversies II

*Moderator: Robert M. Sanger, JD
Sanger Swysen & Dunkle
Santa Barbara, CA*

- 10:10 a.m. - 10:30 a.m. **F46** **An Introduction to Forensic Science for Criminal Defense Attorneys: An Online Class Between Switzerland and Africa**
*Durdica Hazard, PhD**; *Joelle V. Vuille, PhD**; *Sanjeewa Liyanage, LL.M*
- 10:30 a.m. - 10:50 a.m. **F47** **Caught by the Laws of Physics**
*Peter J. Diaczuk**; *Xiao Shan Law, BS*
- 10:50 a.m. - 11:10 a.m. **F48** **Recent Legal Measures Against Stalking in India**
*Anil Aggrawal, MD**
- 11:10 a.m. - 11:30 a.m. **F49** **Law N. 24 of March 2017 and the Italian National System of Guidelines (SNLG): Bureaucratization of Medicine in the Name of Security of Care or a Spending Review?**
*Federico Patanè, MD**; *Massimiliano Esposito, MD*; *Martina Fichera*;
Pasquale Malandrino, MD; *Orazio Cascio*; *Monica Salerno, MD, PhD**;
*Cristoforo Pomara, MD, PhD**