2020 Online Forensic Symposium

THE VALUE OF TRACE EVIDENCE MULTIDISCIPLINARY NATURE: NEEDS AND OPPORTUNITIES

DAY 1
MON 27th
9am-12pm EST
1pm-4pm GMT
Trace Evidence: From Crime Scene to the Courtroom

9:00 AM EST – Welcome & Introduction to the week by Program Chairs, Tatiana Trejos & Gerard van der Peijl

9:35 – GSR Analysis in Multidisciplinary Cases – Examples; Sébastien Charles, Dr. SC, National Institute of Criminalistics and Criminology, Brussels, Belgium

9:55 – Raman Microscopy Designed for the Forensics Lab: Chris Dyer, Renshaw Inc. Wotton-under-Edge, UK

10:10 – Evidence Schemes to Assist in Combining Forensic Evidence: Drs. Jan A de Koeijer, Netherlands Forensic Institute, The Netherlands

10:50 – How Paint / Polymer & Glass Made the Case: Edward “Chip” Pollock, SCDA Office Laboratory of Forensic Services, CA, USA

11:30 – Panel Discussion with all Presenters

DAY 2
TUES 28th
9am-12pm EST
1pm-4pm GMT
Forensic Interpretation of Glass Evidence

9:00 AM EST – Comparative Glass Analysis in The Netherlands – Dr. Peter D. Zoon, Netherlands Forensic Institute, The Netherlands

10:15 – Recent Developments in the Interpretation of Glass Evidence – Jose Almirall, PhD, Florida International University, FL USA

11:15 – To be Announced (TBA) (sponsored)

11:30 – Panel Discussion with all Presenters

DAY 3
WED 29th
9am-12pm EST
1pm-4pm GMT
Interpretation of Trace Evidence & The Role of Databases in Forensic Paint Investigations

9:00 AM EST – Using Paint Databases (e.g., Paint Data Query) in Investigations and Casework – Diana M. Wright, PhD, F-ABC, Chemistry Unit, FBI Laboratory, Quantico, VA, USA

10:00 – To be Announced (TBA) (sponsored)

10:15 – Interpretation of Trace Evidence: Focus on Paint - Andria Mehrtretter, M.S., F-ABC, Chemistry Unit, FBI Laboratory, Quantico, VA, USA

11:15 – To be Announced (TBA) (sponsored)

11:30 – Panel Discussion with all Presenters

DAY 4
THUR 30th
9am-12pm EST
1pm-4pm GMT
Current Trends in Hair & Tape Examinations

9:00 AM EST – Microscopical Discrimination of Human Head Hairs – Sandra Koch, PhD McCrone Associates, IL USA

10:00 – LCMS Method for Quantitation of Drugs of Abuse in Hair (sponsored) – Kristine Van Natta, Thermo Fisher Scientific, USA

10:15 AM EST – Advances in Physical Fit & Spectral Comparisons of Tapes – Tatiana Trejos, PhD, West Virginia University, Dept. of Forensic & Investigative Science, WV USA & Cedric Neumann, PhD, South Dakota State University, SD, USA

11:30 – Panel Discussion with all Presenters

DAY 5
FRI 31st
9am-12pm EST
1pm-4pm GMT
Needs & Opportunities in Gunshot Residue Analysis

9:00 AM EST – Forensic Examination of Gunshot Residues (GSR) From the Viewpoint of QA: Dr. Ludwig H. Niewoehner, Forensic Science Institute of the Bundeskriminalamt, Wiesbaden, Germany

9:40 – To be Announced (TBA) (sponsored)

9:55 – Vibrational Spectroscopy of Gunshot Residue - Igor Lednev, PhD, University of Albany, NY USA


10:50 – Development of a Versatile IGR Microparticle Standard - Luis Arroyo, PhD & Tatiana Trejos, PhD, West Virginia University, Dept. of Forensic & Investigative Science, WV USA

11:30 – Panel Discussion with all Presenters & Closing Remarks

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