

# 2020 Online Forensic Symposium

July 27th - 31st, 2020

Current Trends in Forensic Trace Analysis

FREE Registration / CE Credits Available

# SCHEDULE

Dr. Tatiana Trejos, Program Chair  
Dr. Gerard van der Peijl, Program Co-Chair  
Dr. Tom Gluodenis, Program Founder

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THE VALUE OF TRACE EVIDENCE MULTIDISCIPLINARY NATURE: NEEDS AND OPPORTUNITIES

DAY 1	MON 27th 9am-12pm EST 1pm-4pm GMT	DAY 2	TUES 28th 9am-12pm EST 1pm-4pm GMT	DAY 3	WED 29th 9am-12pm EST 1pm-4pm GMT	DAY 4	THUR 30th 9am-12pm EST 1pm-4pm GMT	DAY 5	FRI 31st 9am-12pm EST 1pm-4pm GMT
<b>Trace Evidence: From Crime Scene to the Courtroom</b>		<b>Forensic Interpretation of Glass Evidence</b>		<b>Interpretation of Trace Evidence &amp; the Role of Databases in Forensic Paint Investigations</b>		<b>Current Trends in Hair, Fiber &amp; Tape Examinations</b>		<b>Needs &amp; Opportunities in Gunshot Residue Analysis</b>	
<b>9:00 AM EST – Welcome &amp; Introduction to the week by Program Chairs, Tatiana Trejos &amp; Gerard van der Peijl</b>		<b>9:00 AM EST – Comparative Glass Analysis in The Netherlands</b> - Dr. Peter D. Zoon, Netherlands Forensic Institute, The Netherlands		<b>9:00 AM EST – Using Paint Databases (e.g., Paint Data Query) in Investigations and Casework</b> - Diana M. Wright, PhD, F-ABC, Chemistry Unit, FBI Laboratory, Quantico, VA, USA		<b>9:00 AM EST – Microscopical Discrimination of Human Head Hairs</b> - Sandra Koch, PhD McCrone Associates, IL, USA		<b>9:00 AM EST – Forensic Examination of Gunshot Residues (GSR) From the Viewpoint of QA:</b> Dr. Ludwig H. Niewoehner, Forensic Science Institute of the Bundeskriminalamt, Wiesbaden, Germany	
<b>9:15 – GSR Analysis in Multidisciplinary Cases</b> – Examples; Sébastien Charles, Dr. Sc., National Institute of Criminalistics and Criminology, Brussels, Belgium		<b>10:00 – Laser Ablation ICP-MS – A Look at New Sample Preparation &amp; Introduction Systems (sponsored)</b> Aaron Hineman, PerkinElmer Instruments, USA		<b>10:00 – Picking Up the Pieces – An Intro to Paint Chip Analysis by IR Microscopy (sponsored)</b> - Ryan Smith, Sr., PhD, PerkinElmer Inc., CT USA		<b>10:00 – LC/MS Method for Quantitation of Drugs of Abuse in Hair (sponsored)</b> – Kristine Van Natta, Thermo Fisher Scientific, USA		<b>9:40– Automated Gunshot Residue Analysis on a Desktop SEM (sponsored)</b> – Rogier Miltenburg, Thermo Fisher Scientific Eindhoven, NL	
<b>9:55 – Raman Microscopy Designed for the Forensics Lab (sponsored):</b> Tim Prusnick, Renishaw Inc. Spectroscopy Division, Chicago, IL, USA		<b>10:15– Recent Developments in the Interpretation of Glass Evidence</b> – Jose Almirall, PhD, Florida International University, FL USA		<b>10:15 – Interpretation of Trace Evidence: Focus on Paint</b> - Andria Mehlretter, M.S., F-ABC, Chemistry Unit, FBI Laboratory, Quantico, VA, USA		<b>10:15 AM EST – Advances in Physical Fit &amp; Spectral Comparisons of Tapes</b> – Tatiana Trejos, PhD, West Virginia University, Dept. of Forensic & Investigative Science, WV USA & Cedric Neumann, PhD, South Dakota State University, SD, USA		<b>9:55– Vibrational Spectroscopy of Gunshot Residue</b> – Igor Lednev, PhD, University at Albany, SUNY, NY USA	
<b>10:10 – Evidence Schemes to Assist in Combining Forensic Evidence:</b> Drs. Jan A de Koeljer, Netherlands Forensic Institute, The Netherlands		<b>11:15– Intuitive Software for Forensic Comparison of Trace Analysis (sponsored)</b> – Dr. Steve Shuttleworth, Applied Spectra, Inc., CA USA		<b>11:15 – Rapid Automotive Paint Analysis via Direct Analysis in Real Time-Mass Spectrometry (sponsored)</b> – Dr. Mark Maric, University of Central Florida, USA		<b>11:15 – AIMing Towards Fiber Identification (sponsored)</b> – Gilbert Vial, Shimadzu Scientific Instruments, MD, USA		<b>10:35 – Scanning Electron Microscopy of Gunshot Residue (sponsored)</b> – William K. Podrazky, Hitachi High-Tech America, Inc., Nanotechnology Systems Division, Clarksburg, MD USA	
<b>10:50 – How Paint / Polymer &amp; Glass Made the Case:</b> Edward “Chip” Pollock, SCDA Office Laboratory of Forensic Services, CA USA		<b>11:30– Panel Discussion</b>		<b>11:30– Panel Discussion</b>		<b>11:30– Panel Discussion</b>		<b>10:50 – Development of a Versatile IGR Microparticle Standard</b> - Luis Arroyo, PhD & Tatiana Trejos, PhD, West Virginia University, Dept. of Forensic & Investigative Science, WV USA	
<b>11:30 – Panel Discussion</b>								<b>11:30– Panel Discussion</b>	

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