

# QUESTIONED DOCUMENTS

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## Thursday

### Security Designs, Alterations, and Counterfeiting

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Moderator: TBD

Co-Moderator: TBD

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|---------------------|-----------|--|
| 8:30 AM – 9:00 AM   | <b>K1</b> | <b>An Examination of Questioned Documents Using Digital Grid Overlays</b><br><i>Mark Goff, BA*</i> ; <i>McKenzie Weyh, BS</i>  |
| 9:00 AM – 10:00 AM  | <b>K2</b> | <b>The Security Design of the Next Generation U.S. Passport, U.S. Emergency Passport, and U.S. Bridge Visa</b><br><i>Traci Moran, MFS*</i>   |
| 10:00 AM – 10:30 AM |           | <b>BREAK</b>   |
| 10:30 AM – 10:45 AM | <b>K3</b> | <b>The Characterization of Polymers of Counterfeit Identity Documents of European Union (UN) Member States</b><br><i>Jasna Galekovic*</i> ; <i>Veronika Marinovic, PhD</i> ; <i>Andrea Ledic, MS</i>   |
| 10:45 AM – 11:15 AM | <b>K4</b> | <b>Scientific Instruments to Forensically Examine Booklet Perforations</b><br><i>George Virgin, MS*</i>  |
| 11:15 AM – 11:45 AM | <b>K5</b> | <b>Fraud and the United States Postal Service (USPS): A Focus on Stamps</b><br><i>Lisa Tolli, MS</i> ; <i>Patricia Manzolillo, MSFS*</i> ; <i>Stephanie Kingsbury, MSFS</i> ; <i>Haley Elliott, MS</i> |
| 11:45 AM – 1:30 PM  |           | <b>BREAK</b>   |

### Forensic Document Examination Standards Development and Trending Topics

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Moderator: TBD

Co-Moderator: TBD

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| 1:30 PM – 1:45 PM | <b>K6</b> | <b>An Update on Standards Development Activities Related to Forensic Document Examination</b><br><i>Kevin Kulbacki, MSFS*</i>                |
| 1:45 PM – 2:00 PM | <b>K7</b> | <b>The Forensic Document Examination (FDE) Steering Committee</b><br><i>Timothy Campbell, BSc*</i>   |
| 2:00 PM – 3:00 PM | <b>K8</b> | <b>The Forensic Document Examination (FDE) Forum</b><br><i>Carl McClary, MS*</i> ; <i>Karen Nobles, MFS</i> ; <i>Samiah Ibrahim, BA, BSc</i> |

### Poster Session

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| 11:30 AM – 1:00 PM | <b>K9</b>  | <b>Black-Box Metamodeling Between Feature Combinations for Paired Comparisons of Documents of Forensic Handwriting Data</b><br><i>Cami Fuglsby, MS*</i> ; <i>Christopher Saunders, PhD</i> ; <i>Danica Ommen, PhD</i> ; <i>JoAnn Buscaglia, PhD</i> |
| 11:30 AM – 1:00 PM | <b>K10</b> | <b>Fontastique! Framework for the Comparison and Evaluation of Currently Available Typeface Identification Applications for the Modern Forensic Document Examiner</b><br><i>Zain Bhaloo, MSc; BScH*</i>   |

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11:30 AM – 1:00 PM	<b>K11</b>	<b>Handwriting Variability in Adult Writers With Attention Deficit Hyperactivity Disorder (ADHD) Pre- and Post-Medication: A Pilot Study</b> <i>Christopher Burke, MS*; Heidi Harralson, MA; Larry Miller, PhD</i>
11:30 AM – 1:00 PM	<b>K12</b>	<b>Quantifying Bayes Factors for Forensic Handwriting Evidence</b> <i>Anyesha Ray, BS*; Danica Ommen, PhD</i>
11:30 AM – 1:00 PM	<b>K13</b>	<b>Quantifying Writer Variance Through Rainbow Triangle Graph Decomposition of the Common Word “the”</b> <i>Alexandra Arabio, BS*; Alicia Carriquiry, PhD; Danica Ommen, PhD</i>
11:30 AM – 1:00 PM	<b>K14</b>	<b>Training, Education, and Certification of Forensic Document Examiners in the United States</b> <i>Lauren Turnacioglu, BA*; Lyndsie Ferrara, PhD; Gary Licht, MS; Khody Detwiler, BS</i>
11:30 AM – 1:00 PM	<b>K15</b>	<b>Twin Convolutional Neural Networks to Classify Writers Using Handwriting Data</b> <i>Pilhyun Lim, MS*; Danica Ommen, PhD</i>

## Friday

### Handwriting, Algorithms, and Ink Analysis and Evaluation

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Moderator: TBD

Co-Moderator: TBD

8:30 AM – 8:45 AM	<b>K16</b>	<b>A Comparison of FLASH ID and Handwriter: Two Handwriting Analysis Programs</b> <i>Stephanie Reinders, PhD*; Danica Ommen, PhD; Alicia Carriquiry, PhD</i>
8:45 AM – 9:00 AM	<b>K17</b>	<b>Determining Authorship Among the Handwriting of Fifth Graders: A Case Study</b> <i>Sandra Raudabaugh, BS*</i>
9:00 AM – 9:15 AM	<b>K18</b>	<b>Handwriting Comparison Examinations With Limited Known Writing Samples</b> <i>Donald Moryan, BS*</i>
9:15 AM – 9:30 AM	<b>K19</b>	<b>Signature Verification Algorithms: What They Are, How They Are Used, and How to Evaluate Them</b> <i>Kevin Kulbacki, MSFS*; Nikolaos Kalantzis, MSc; Batya Fuchs, MSc</i>
9:30 AM – 10:00 AM		<b>BREAK</b>
10:00 AM – 10:15 AM	<b>K20</b>	<b>Signature Verification Algorithms: Potential Forensic Uses and Bias Considerations</b> <i>Kevin Kulbacki, MSFS*; Nikolaos Kalantzis, MSc; Batya Fuchs, MSc</i>
10:15 AM – 10:45 AM	<b>K21</b>	<b>The Robert Durst Case: Revisiting Myths of Handprinting Examinations</b> <i>Linton Mohammed, PhD*; Lloyd Cunningham</i>
10:45 AM – 11:00 AM	<b>K22</b>	<b>A Failure Analysis of Ink Samples Using Multiple Modes of Pyrolysis-Gas Chromatography/Mass Spectrometry (PY-GC/MS)</b> <i>Athena Nguyen, BS*</i>
11:00 AM – 11:15 AM	<b>K23</b>	<b>A Spectroscopic Evaluation of Two Black Pen Inks Using Video Spectral Comparator</b> <i>Rafal Turek, MS*</i>