

QUESTIONED DOCUMENTS

Thursday

Poster Session

- 11:30 AM – 1:00 PM **K1** **A Comparative Analysis of Wet Ink and Digitally Captured Handwriting: Real-World Applications**
*Steven N. Bunch, BS**; *Heidi H. Harralson, MA*; *Larry S. Miller, PhD*
- 11:30 AM – 1:00 PM **K2** **Estimating Sufficiency of the Pairwise Euclidean Distance on Sets of Handwritten Documents**
*Cami Fuglsby, PhD**; *Christopher P. Saunders, PhD*; *Danica M. Ommen, PhD*;
JoAnn Buscaglia, PhD
- 11:30 AM – 1:00 PM **K3** **The Mozart Scribe: Applying Forensic Handwriting Examination Methods to Identify Scribes in 18th-Century Music Calligraphy Manuscripts**
Martin W. Jarvis, PhD; *Heidi H. Harralson, MA**
- 11:30 AM – 1:00 PM **K4** **WITHDRAWN**

Questioned Documents Technical Session I

Moderator: Linda Mitchell, BS

- 8:30 AM – 8:50 AM **K5** **A Conservation Approach to Thermal Printer Ribbon Preservation and Imaging**
*Tobin A. Tanaka, BSc**; *Caroline Bernier*; *Sincere Ip, MSc*; *Helen Kolodziejczyk, MSc,FSc*
- 8:50 AM – 9:10 AM **K6** **A Study of Natural Variations in Handwritten Signatures: Implications in Forensic Examinations**
*Rakesh Meena, MSc**; *Nandini Chitara, MSc*; *Ankita Guleria, MSc*; *Kewal Krishan, PhD*;
Abhik Ghosh, PhD
- 9:10 AM – 9:30 AM **K7** **Above and Beyond: Examining “Hidden” Features in Travel and Identity Documents**
*Carolyn Bayer-Broring, MFS**
- 9:30 AM – 9:45 AM **K8** **A Cleaner Cascade Method for EDD: Toner Developer Guides**
*Mark Goff, BA**
- 9:45 AM – 10:00 AM **K9** **The Characterization and Identification of Historical Inks and Their Colorants**
*Sarah Mosinski**; *Jordyn Guse*; *Ethan Groves, BS*; *Katie M. White, MSc*; *Skip Palenik, BS*;
Christopher S. Palenik, MS, PhD
- 10:00 AM – 10:30 AM **K10** **Using Variable Light Source Technology to Support World War II Service Member Identification**
*Sarah C. Kindschuh, PhD**; *Larkin Kennedy, PhD*

10:30 AM – 10:45 AM **BREAK**

Moderator: Adam Hartzell, MS

- 10:45 AM – 11:05 AM **K11** **Attempts to Clone Stamp Impressions Via Stamps Produced by Additive Manufacturing**
*Tobin A. Tanaka, BSc**
- 11:05 AM – 11:25 AM **K12** **Bad Things Can Happen to Good Signatures**
*Linton Mohammed, PhD**

QUESTIONED DOCUMENTS

11:25 AM – 11:45 AM	K13	Chemometric and Spectroscopic Approaches in Questioned Document Examination <i>Vishal Sharma, PhD*</i> (FSF Emerging Forensic Scientist Award Oral Presentation)
11:45 AM – 12:15 PM	K14	FDE Forum <i>Carl R. McClary, MS*; Karen J. Nobles, MS; Samiah Ibrahim, BSc, BA</i>
12:15 PM – 1:15 PM		BREAK

Questioned Documents Technical Session II

Moderator: Mark Goff, BA

1:15 PM – 1:30 PM	K15	Forensic Digital Document Examination: Moving Forward in a Post-Pandemic Society <i>Timothy Campbell, BSc*</i>
1:30 PM – 1:45 PM	K16	Quantifying Bayes Factors for Forensic Handwriting Evidence <i>Anyesha Ray, BS*; Danica M. Ommen, PhD</i>
1:45 PM – 2:15 PM	K17	Quantifying Writer Variance Through Rainbow Triangle Graph Decomposition <i>Alexandra Arabio, BS*; Alicia Laura Carriquiry, PhD; Danica M. Ommen, PhD</i>
2:15 PM – 2:35 PM	K18	The Collection and Characterization of Counterfeit State Identity Cards and Driver's Licenses at the Homeland Security Investigations Forensic Laboratory <i>Luther S. Schaeffer, MFS, MS*; Elaine X. Wooton, MFS*</i>
2:35 PM – 2:55 PM	K19	The Discrimination and Characterization of Computer-Generated Printed Documents Using Energy-Dispersive X-Ray Fluorescence Spectroscopy Coupled With Chemometrics <i>Neha Verma, MSc, PhD*; Vishal Sharma, PhD; Dinesh K. Sahu, MSc, PhD</i>
2:55 PM – 3:25 PM	K20	The Hitler Diaries Revisited <i>Thomas W. Vastrick, BSc*</i>
3:25 PM – 3:40 PM		BREAK

Moderator: Mark Goff, BA

3:40 PM – 4:25 PM	K21	A Framework for the Creation of QuompenDium—The Mega-Site for All Things QD <i>Zain Bhaloo, MSc, BScH*</i>
4:25 PM – 4:55 PM	K22	A Proposal to Update SWGDOC Standards During the Transition Period: A Discussion <i>Thomas W. Vastrick, BSc*</i>
4:55 PM – 5:15 PM	K23	An Update on Standards Development Activities Related to Forensic Document Examination <i>Kevin P. Kulbacki, MSFS*</i>
5:15 PM – 6:00 PM	K24	New ASB Standards for Forensic Document Examiners: How They Differ From the Standards They Superseded and What You Need to Know to Use Them <i>Mark Goff, BA*; Stephanie Kingsbury, MSFS*</i>