

Questioned Document Section Advance Program

Wednesday • August 25, 1999 • Session I • Document Security

Moderator: TBA

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| 1:30 p.m. – 1:35 p.m. | | Announcements |
| 1:35 p.m. – 2:15 p.m. | 000585 | The Counterfeiting of Security and Valued Documents and Their Protection
<i>C. J. Edwards, B.Sc., Ph.D., M.R.S.C.*</i> |
| 2:15 p.m. – 2:30 p.m. | 000281 | Sanctity of Original Seals affixed on Bunch of Classified Documents
<i>Rajinder Singh, Ph.D.* , M. R. Kumar, B.Sc.</i> |
| 2:30 p.m. – 2:45 p.m. | 000431 | The Inspection of Documents with Embossed Stamps
<i>Wei Ming*</i> |
| 2:45 p.m. – 3:05 p.m. | 000434 | Fraudulent Birth Documents Exposed
<i>Susan Morton, BA*</i> |
| 3:05 p.m. – 3:30 p.m. | | BREAK |

Session II • Surface Analysis: Examination Techniques for Ink and Toner

Moderator: TBA

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| 3:30 p.m. – 3:45 p.m. | 000428 | The Classification of Ink Jet Printers and Inks
<i>Paige E. Doherty, BS, MBA*</i> |
| 3:45 p.m. – 4:00 p.m. | 000187 | Diode Array Micro Spectrophotometry of Ink-Jet Printers: A Preliminary Research
<i>Williams David Mazzela*</i> |
| 4:00 p.m. – 4:15 p.m. | 000167 | The Analysis of Toner Samples from a Document Using Laser Micro Pyrolysis GC-MS
<i>Claude Roux, Ph.D.* , Scott Saywell, B.AppSc. Paul Greenwood, Ph.D., David Royals, MSc.</i> |
| 4:15 p.m. – 4:35 p.m. | 000326 | SERRS Spectroscopy-A New Technique for the In-Situ Analysis of Writing Inks
<i>Peter C. White, Ph.D.* , Caroline Rodger, Ph.D. Ewen Smith, Ph.D., Mary Fitzgerald, MS</i> |
| 4:35 p.m. – 4:55 p.m. | 000583 | In-Situ Molecular Analysis of Sequential Ink Writings by TOF-SIMS
<i>A. H. Lyter, MS*, A.A. Belu, Ph.D., R.W. Linton, Ph.D.</i> |
| 4:55 p.m. – 5:10 p.m. | 000035 | The Application of Scanning Electron Microscopy/Energy Dispersive X-ray Analysis to the Forensic Examination of Pencil Marks
<i>Hsien-hui Meng, Ph.D.* , Chien-min Hsu, PhD.</i> |

- 5:10 p.m. – 5:20 p.m. 000010 **Examination of Blue-Point Writing Ink by Micro-ART Technology**
*Jian Wang**, *Suqing Sun*, *Guoan Luo*, *Yanji Wang*, *Yichun Li*,
Jinghan Wang
- 5:20 p.m. – 5:30 p.m. 000011 **Analysis of Blue Ball-Point Ink Components by FT-IR Microscopy**
*Yanji Wang**, *Yan Wang*, *Jinghan Wang*, *Jian Wang*, *Suqing Sun*,
Guano Luo
- Posters: 000188 **A Discussion on the Growing Trend of Forging Security Documents with Personal Computers**
*Kun-Chi Cheng, M.Sc.**
- 000528 **A Study on the Use of Photo-polymer Reflex Plate in the Forgery of Chinese Seals**
*Kun-Chi Cheng, M.Sc.**, *Nellie Cheng, B.Sc.*
- 000511 **Using Microspectrophotometer to Identify Changes to Ballpen Ink**
*Li Lui**

Thursday • August 26, 1999 • Special Session

Moderator: TBA

- 1:30 p.m. – 3:00 p.m. **Experimental Design for Forensic Document Examiners**
*Richard C. Hanlen, Ph.D.**, *Kristin H. Jarman, Ph.D.**
- 3:00 p.m. – 3:30 p.m. **BREAK**
- 3:30 p.m. – 4:30 p.m. **Method Validation for Forensic Document Examiners**
*Richard C. Hanlen, Ph.D.**, *Kristin H. Jarman, Ph.D.**

Thursday • Session I • QD Examination Procedures

Moderator: TBA

- 4:30 p.m. – 4:45 p.m. 000132 **Just a Simple Signature Case, or More?**
*William L. Leaver**
- 4:45 p.m. – 5:15 p.m. 000524 **Protocol for Business Records Examinations**
*David L. Oleksow, BS**
- 5:15 p.m. – 5:30 p.m. 000436 **Normal Course of Business Records Versus Manufactured Records**
*Sandra Ramsey, BA**, *Jan Seaman Kelly, BA*, *Diane K. Tolliver, BS,MPA*

FRIDAY • August 27, 1999 • Session I

Moderator: TBA

- 10:30 a.m. – 10:45 a.m. 000521 **An Evaluation of a Prototype Optical Surface Enhancement Instrument**
*Catherine L. Gilmour**

- 10:45 a.m. – 11:00 a.m. 000007 **ESDA Examination of Non-Impact Impressions on Paper**
*Maureen Casey Owens, BA**
- 11:15 a.m. – 11:30 a.m. 000004 **Latent Images: The First Impression, Primary or Secondary?**
Leonard P. Chen, Ph.D., M. Patricia Fisher, MJ*
- 11:30 a.m. – 11:45 a.m. **Statistical Evaluation of the ESDA Sequencing Method**
Steven J. Strach, Ph.D., Michelle H. Novotny, B.Sc., Paul D. Westwood, LLB*
- 11:45 a.m. – 12:00 p.m. 000611 **An Evaluation of Reduction and Expansion in Facsimile Transmissions**
Brian S. Lindblom, BA, Dan C. Purdy, B.Sc.**
- 12:00 p.m. – 1:30 p.m. **LUNCH**

Friday Session II - Handwriting and Signature Examinations

Moderator: TBA

- 1:30 p.m. – 1:50 p.m. 000614 **Improved Possibilities for Comparing Handwriting to Hand Printing by Using “SCRIPT”**
*Christian Grafl, Dr.**
- 1:50 p.m. – 2:10 p.m. 000437 **Evaluation of Class Characteristics in a Large Collected Writing Sample**
*Douglas A. Ridolfi, MA**
- 2:10 p.m. – 2:25 p.m. 000046 **Examination of the Latin Alphabet Written by ESL Writers**
Yoko Seki, Noriyoshi Takasawa, Kazuhiko Kobayashi, Yoshinori Akao*
- 2:25 p.m. – 2:40 p.m. 000140 **A Study on the Use of Simplified Chinese Characters by Chinese of Different Age Groups in Singapore**
G. K. Lee, M.Sc., B. S. Yap, M.Sc., L. T. Lee*
- 2:40 p.m. – 3:00 p.m. 000063 **Disguised Writings**
*James J. Horan, MS, MPA**
- 3:00 p.m. – 3:30 p.m. **BREAK**

Friday • Session III

Moderator: TBA

- 3:30 p.m. – 3:15 p.m. 000429 **Examination of Disease Effecting Impaired Handwritings**
*Subrata K. Mandal, M.Sc., Ph.D.**
- 3:15 p.m. – 3:30 p.m. 000438 **A Validation Study Concerning the Axiom That No Two Homogenous Signatures Can be Identical in All Respects**
*Arthur T. Anthony, BS**

- 3:30 p.m. – 3:45 p.m. 000430 **Analysis of Variable Signatures, With Special Reference on Uneducated People’s Handwriting**
*Dr. Lucian Ionescu**
- 3:45 p.m. – 4:00 p.m. 000433 **The Role of the Movement of Handwriting in the Examination of Imitated Signature**
*Liujun**
- 4:00 p.m. – 4:10 p.m. 000214 **A Metric Analysis of Handwriting: A Study of Signatures**
Harmeet Kaur, Deepi Jindal, Dr. P. K. Chattopadhyay*
- 4:10 p.m. – 4:30 p.m. 000549 **Identification of Anonymous Letters Writer- A Few Tips**
*T. R. Nehra, M.Sc. **
- 4:30 p.m. – 4:45 p.m. 000441 **The Method of Identification of Manuscripts “Modified Scopometrico”**
*Raul Enrique Zajaczkowski**
- 4:45 p.m. – 5:00 p.m. 000613 **Glossary of Terms for Forensic Document Examiners**
*Carl R. McClary, BA**
- Posters 000131 **Some Problems on Specific Establishing of Identity for Handwriting Verification**
*Wang Heming**
- 000432 **A Study on the Examination of Covered Writings**
*Xu Shiguo**
- 000440 **Some Organic Solvents for the Removal of Dry Correction Fluids for Readable and Comparison of Obliterated Writings**
*Mohamed Radwan Helal**
- 000439 **Non-destructive Method for Sticking Up Torn Documents Using Different States of Glues**
*Mohamed Radwan Helal**
- 000453 **The Further Approach on Dating Ball Point Ink by Solvent Extraction Technique**
Shiquan Wang, BS, Yanji Wang, Ph.D., Ren Bao, BS, Ping Xie, MS, Pinjia Meng, MS*
- 000539 **Identification of Atomic Stamp Ink by Fluororespectrophotometry and UV-VIS Spectrophotometry**
Zhang Zhenyu, Zhu Yu, Xing Limei, Wang Yanji*
- Capillary Electrophoresis and Its Application to Questioned Document Examination**
*Jan A. de Koeijer**