

ASQDE 2015

QD Around the World



*American Society of Questioned  
Document Examiners*

Annual General Meeting  
Eaton Chelsea Hotel, Toronto

August 9-13, 2015

# Welcome to Toronto!

We are pleased to welcome you to the 73<sup>rd</sup> Annual Meeting of the  
**American Society of Questioned Document Examiners**

Please approach the following people (easily identified by the red bar on their name tags) if you have any questions or concerns. If you are an invited guest, we hope you will consider the many financial and career benefits of becoming an ASQDE member.

## ASQDE Executive Board

President John Paul Osborn  
Vice President Jason Lee Miller  
Secretary F. L. "Jim" Lee  
Treasurer Karen Nobles  
Director Diane Kruger  
Director Carl McClary

## 2015 Annual General Meeting Committee

Site Chair: Diane Kruger  
Program Chair: Bonnie Beal  
Exhibitor Coordinator: Charles Haywood  
A/V Coordinator: Kevin Kulbacki

## ASQDE Executive Assistant

Nanette Davis

## *Special Thanks...*

Please make a point to visit our Exhibitor Show on Tuesday and Wednesday. Morning and afternoon breaks will be held in the Exhibitor Show area on those days.

**Foster + Freeman** – Meeting Sponsor and sponsor of the President's Reception as well as the Breakfast Lecture on Wednesday, August 12, 2015

**Ultra Electronics Forensic Technology** – Meeting Sponsor and sponsor of the Welcome Reception as well as the Breakfast Lecture on Tuesday, August 11, 2015

**Regula Baltija** - Meeting Supporter and sponsor of the morning break on Tuesday, August 11, 2015

**Pikaso Software** – Exhibitor

**Zarbeco LLP** – Exhibitor

# Toronto 2015

Main Conference held in Churchill Ballroom

|  |  |
|--|--|
| Saturday, Aug. 8   | ASQDE Registration ..... 3:30 pm - 5:30 pm<br>Welcome Reception <i>sponsored by Ultra Electronics Forensic Technology</i> ... 6:00 pm - 8:00 pm  |
| Sunday, Aug. 9   | Registration ..... 7:00 am - 8:30 am<br>Breakfast ( <i>Churchill Court</i> )..... 7:00 am - 8:00 am<br>Opening Remarks ..... 8:00 am - 8:10 am<br><b>Workshop:</b> Principles of Forensic Examination of Arabic Signatures..... 8:10 am - 12:00 pm<br>Morning Break ( <i>Churchill Court</i> )..... 9:45 am - 10:10 am<br><i>Spouse/Family Breakfast (Walton Room)</i> ..... 9:00 am - 10:30 am<br>Lunch Break..... 12:00 pm - 1:30 pm<br>Technical Session ..... 1:30 pm - 5:00 pm<br>Afternoon Break ( <i>Churchill Court</i> )..... 3:00 pm - 3:25 pm       |
| Monday, Aug. 10  | Breakfast ( <i>Churchill Court</i> )..... 7:30 am - 8:30 am<br>Technical Session / Poster Teasers..... 8:30 am - 11:55 am<br>Morning Break ( <i>Churchill Court</i> )..... 9:50 am - 10:15 am<br>Trainee Session Attendees Lunch Break (all other guests excused)..... 12:00 pm - 1:15 pm<br>ASQDE Members Lunch/Business Meeting ..... 12:00 pm - 5:00 pm<br>Trainee Breakout Session ..... 1:15 pm - 5:00 pm<br>Afternoon Break ( <i>Wren</i> )..... 2:45 pm - 3:00 pm<br>President's Reception <i>sponsored by Foster + Freeman</i> ..... 6:00 pm - 8:00 pm |
| Tuesday, Aug. 11   | Plated Breakfast / Lecture by Ultra Electronics Forensic Technology .... 7:00 am - 8:00 am<br>Exhibitor Introductions ..... 8:00 am - 8:55 am<br><b>Workshop:</b> Characteristics of Fountain Pen Writing ..... 9:00 am - 5:00 pm<br>Morning Break <i>sponsored by Regula Baltija (Mountbatten)</i> ..... 9:45 am - 10:15 am<br>Lunch Break..... 12:00 pm - 1:30 pm<br>Afternoon Break ( <i>Mountbatten</i> )..... 2:45 pm - 3:15 pm   |
| <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-bottom: 10px;"> <p style="text-align: center;"><i>Exhibitor<br/>Show<br/>&amp; Posters<br/>all day</i></p> </div> Wednesday, Aug. 12 | Plated Breakfast / Lecture by Foster + Freeman..... 7:00 am - 8:00 am<br><b>Panel:</b> "Courtroom Questions" ..... 8:00 am - 12:00 pm<br>Morning Break ( <i>Mountbatten</i> )..... 9:45 am - 10:30 am<br>Group Photo ..... 12:15 pm - 12:30 pm<br>Lunch Break..... 12:30 pm - 2:00 pm<br>Technical Session ..... 2:00 pm - 5:00 pm<br>Afternoon Break ( <i>Mountbatten</i> )..... 3:00 pm - 3:45 pm<br>Cocktails..... 6:00 pm - 7:00 pm<br>Banquet..... 7:00 pm - 10:00 pm   |
| <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-bottom: 10px;"> <p style="text-align: center;"><i>Exhibitor<br/>Show<br/>&amp; Posters<br/>all day</i></p> </div> Thursday, Aug. 13  | Breakfast ( <i>Churchill Court</i> ) ..... 8:00 am - 9:00 am<br>Technical Session ..... 9:00 am - 11:10 am<br>Morning Break ( <i>Churchill Court</i> ) ..... 10:00 am - 10:30 am<br>Closing Remarks ..... 11:10 am - 11:20 am<br>Vincent Graves Green Foundation Workshop & Tour (by pre-reg)..... 1:30 pm - 5:00 pm   |

Please respect our dress code: business casual for scientific sessions and receptions, and semi-formal (suit and tie, cocktail dresses, dressy pantsuits) for the banquet Wednesday evening. Hospitality Suite is Walton Room, 25<sup>th</sup> Floor, South Tower. Evenings and hours to be advised.

# V S C 8 0 0 0

## Document Examination Evolved

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## Saturday, August 8

- 3:30 – 5:30 PM.....Registration (*Churchill Court*)  
6:00 – 8:00 PM.....WELCOME RECEPTION (*Churchill Court*)  
Sponsored by Ultra Electronics Forensic Technology  
8:00 – 10:30 PM.....ASQDE Hospitality Suite open (Walton Room, 25<sup>th</sup> Floor, South Tower)

### Spouse / Family Breakfast

(Pre-registration required)

#### SUNDAY, August 9:

- 9:00 - 10:30 AM ..... Breakfast, followed by escort to Hop On, Hop Off tour stop for those who have purchased tickets. (*Walton Room, 25<sup>th</sup> Floor, South Tower*)

## Sunday, August 9

Main Session in Churchill Ballroom

**Moderator:** Juergen Holzapfel

- 7:00 – 8:00 AM .....BREAKFAST (*Churchill Court*)  
7:00 – 8:30 AM .....REGISTRATION (*Churchill Court*)  
8:00 – 8:30 AM.....Opening Remarks  
*John Paul Osborn*  
9:45 – 10:10 AM .....BREAK (*Churchill Court*)  
8:10 AM - 12:00 PM.....WORKSHOP: Principles of Forensic Examination of Arabic Signatures  
*Mohammed Aloyoni, Dr. Abdulaziz Alkahtani*  
12:00 – 1:30 PM LUNCH

**Moderator:** Karen Nobles

- 1:30 - 2:20 PM.....The Evolution of Signatures  
*Kirsten Singer, Nancy Cox*  
2:20 - 2:40 PM.....Reliability of the FDE to Identify Hand Printing  
*Linda Mitchell, Mara Merlino, Ph.D.*  
2:40 - 3:00 PM.....QD in Australia and New Zealand: Success Based on Collaboration  
*Sharon Birchall*  
3:00 – 3:25 PM.....BREAK (*Churchill Court*)

## *Sunday, August 9 (continued)*

- 3:25 - 3:45 PM.....Disturbances in skilled writing  
*Thomas Hecker*, Dr. Manfred Hecker
- 3:45 - 4:05 PM.....Line Quality Characteristics of the Autopen (Automatic Writing Machine) - "Handwriting"  
*Jeffrey Luber*
- 4:05 - 4:25 PM.....Visual Attention and Feature Extraction by FDEs in Signature Examination/Comparison Tasks Resulting in High ( $\geq 10\%$ ) Misleading (Error) Rates  
*Derek Hammond*, Dr. Mara Merlino
- 4:25 - 4:45 PM.....Evidential Value of Carbon Paper Traces in Examination of Questioned Documents – Case Studies  
*Khurram Mahmood, Nadeem-ul-Hassan Khan*,  
Dr. Muhammad Sarwar, Dr. Muhammad Ashraf Tahir
- 4:45 - 5:00 PM.....Multiple Perspectives on Handwriting Training Practical Problems  
Lisa Tolli, Patricia A. Manzolillo
- 8:00 – 10:30 PM.....ASQDE Hospitality Suite open (Walton Room, 25<sup>th</sup> Floor, South Tower)

**The following papers are included on the meeting flashdrive,  
but were not presented at this meeting:**

Dynamic capture and comparison of non-visualized intra signature features in both genuine and simulated signatures

*Tahnee Dewhurst*

Review of the UNIL E-learning Course Essentials of Forensic Interpretation

*Charles Eggleston*

The influence of a short training on assessments of laymen

*Christian Grafl*

Look Up

*Diane Tolliver*

# SEE THE DIFFERENCE

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Projectina, a division of Ultra Electronics Forensic Technology, has a rich tradition in the innovation of optical comparison systems. For over 60 years, Projectina has designed, developed and manufactured optical comparison systems for both industrial and forensic science applications.

**WE INVITE YOU TO SEE THE DIFFERENCE AND VISIT OUR BOOTH AT THE ASQDE 2015 AGM.**

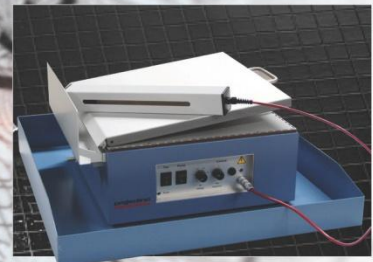
INSPEC 85



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DOCUSTAT DS-220



**FORENSIC  
TECHNOLOGY**

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# Monday, August 10

Moderator: Linda Mitchell

7:30 - 8:30 AM.....BREAKFAST (*Churchill Court*)

8:30 - 9:10 AM.....Poster Session Introduction and Teasers

Multiple Perspectives on Handwriting Training Practical Problems  
Lisa Tolli, Patricia A. Manzolillo

Identification of a Card Printer Ribbon by Physical Matching  
*Jennifer Seavers*

How Fresh Will Mylar Film Keep My Sandwich?  
*Darlene Morin*, Rigo Vargas

The Significance of the Orientation of a Stamp Impression  
*Chiew Yung Yang*, Chin Chin Lim, Crystal Yan Wen Tan

Line Quality Characteristics of the Autopen (Automatic  
Writing Machine) - "Handwriting"  
*Jeffrey Luber*

Paper Examinations; Consideration of Mineral 'Fillers'  
James Green

9:10 - 9:30 AM.....Color Separation in Forensic Image Processing Using  
Interactive Differential Evolution  
*Shahryar Rahnamayan*

9:30 - 9:50 AM.....Non-Destructive ESDA-Lite collection of DNA from  
Latent Fingerprints on Documents  
*Dane Plaza*, Jamia L. Mealy, J. Nicholas Lane, M. Neal  
Parsons, Abigail S. Bathrick, Donia P. Slack

9:45 – 10:15 AM .....BREAK (*Churchill Court*)

10:15 - 10:35 AM.....Inkless Pens?  
*Mark Gardner*

10:35 - 10:55 AM.....What's Cooking with Inks?  
*Laura Mancebo*

10:55 - 11:15 AM.....Conclusions and Results from Initial Three Year Study of  
the Development of Individual Handwriting Characteristics  
in Students  
*Lisa Hanson*

11:15 - 11:35 AM.....Organizing a Proficiency Testing Programme on Chinese  
Handwriting and Signature Examination in Accordance  
with ISO17043 Standard  
*Chi Keung Li*, Lai Ping Chang and Siu Kay Wong



# Monday, August 10 (continued)

11:35 - 11:55 AM.....International Humanitarian Law (IHL) and Forensic Document Examination  
*Tobin Tanaka*

12:00 – 5:00 PM..... ALL NON-ASQDE MEMBERS EXCUSED FOR THE DAY

12:00 - 1:15 PM.....Lunch Break For Trainees Attending Workshop

12:00 - 5:00 PM.....ASQDE Member Lunch and Business Meeting ( *Wren*)

1:15 - 5:00 PM.....Trainee Workshop ( *Windsor*)  
*Tobin Tanaka*

3:00 – 3:25 PM.....BREAK (ASQDE Members and Trainees only) ( *Wren*)

6:00 – 8:00 PM.....PRESIDENT'S RECEPTION ( *Market Garden Patio*)  
Sponsored by Foster & Freeman

8:00 – 10:30 PM.....ASQDE Hospitality Suite open (Walton Room, 25<sup>th</sup> Floor, South Tower)

The advertisement features a dark background with glowing blue and purple lines. In the top left, the Regula logo is shown next to the text "Regula Forensics, Inc." and "www.regula.us". The central text "Questioned Documents Analysis" is prominently displayed in white. To the right, the text "Magneto-Optical Control" is written in white, with a stack of US dollar bills (including a \$100 bill) shown below it. In the bottom right, the text "Automatic ID Verification" is written in white, with a photo ID card shown below it. At the bottom center, the text "Document Verification Equipment" is written in large, glowing blue letters. The background also includes a green digital cityscape and a vertical "100" graphic.

# *Tuesday, August 11*

Moderator: Charles Haywood

## *Exhibitor Show in Mountbatten / Posters All Day*

- 7:00 - 7:20 AM.....SEATING FOR PLATED BREAKFAST  
Sponsored by Ultra Electronics Forensic Technology  
Complimentary ticket required
- 7:30 - 7:50 AM.....BREAKFAST LECTURE: Commitment to Society  
*Daniel Zatkovic*
- 8:00 - 8:05 AM.....Exhibitor Welcome  
*Charles Haywood*
- 8:05 - 8:20 AM.....Sponsor: Foster + Freeman
- 8:20 - 8:35 AM.....Sponsor: Ultra Electronics Forensic Technology
- 8:35 - 8:45 AM.....Supporter: Regula Baltija
- 8:45 - 8:50 AM.....Exhibitor: Pikaso Software
- 8:50 - 8:55 AM.....Exhibitor: Zarbeco LLP
- 8:55 AM - 5:00 PM .....WORKSHOP: Are Fountain Pens Back in Vogue?  
Characteristics of Fountain Pen Writing and Aqueous Ink  
Analysis  
*Lloyd Cunningham, Valery Aginsky, Linton Mohammed, Bill Flynn*
- 9:45 – 10:15 AM .....BREAK (*Mountbatten*)  
*Sponsored by Regula Baltija*
- 12:00 – 1:30 PM.....LUNCH
- 2:45 – 3:15 PM.....BREAK (*Mountbatten*)
- 8:00 – 10:30 PM.....ASQDE Hospitality Suite open (Walton Room, 25<sup>th</sup> Floor, South Tower)

# Wednesday, August 12

Moderator: Janis Tweedy

## *Exhibitor Show in Mountbatten / Posters All Day*

- 7:00 - 7:20 AM.....SEATING FOR PLATED BREAKFAST  
Sponsored by Foster + Freeman  
Complimentary ticket required
- 7:30 - 7:50 AM.....BREAKFAST LECTURE: What's New From Foster +  
Freeman For Questioned Document Examination  
*F. L. "Jim" Lee*, Dr. Simon Clement, Justin Gould and Darren Corbett
- 8:00 AM - 12:15 PM.....Panel Discussion: Australian Bar Review Paper  
*Linton Mohammed*, G. Anavi, S. Birchall, C. Bird, S. Brown,  
L. Goz, J. Lewis, L. Mitchell, N. Neev, G. Niburg, K. Nissan,  
M. Novotny, V. Nuger, J. Osmond, J. Parker, A. Szymanski,  
T. Tanaka, P. Tytell, T. Welch, P. Westwood
- 9:45 – 10:30 AM.....BREAK (*Mountbatten*)
- 12:15 – 12:30 PM.....GROUP PHOTO
- 12:30 – 2:00 PM.....LUNCH

Moderator: Michelle Novotny

- 2:00 - 4:05 PM.....Group Discussion  
*Bonnie Beal*
- 3:00 – 3:45 PM.....BREAK (*Mountbatten*)
- 4:05 - 4:20 PM.....A Study of Thermo-chromic Inks  
*Ellen Radley*
- 4:20 - 4:40 PM.....Peer Review vs. Testimony Bolstering: A Review of the  
Appellate Decision in *Jesse Lee Miller vs. State of Florida*  
*Mary Kelly*
- 4:40 - 5:00 PM.....1931-2015: More than Eighty Years Trying to Deal with the  
Same Questions in Court  
*Liv Cadola*, Christophe Champod
- 6:00 – 7:00 PM.....Cocktail Hour (*Churchill Court*)
- 7:00 – 10:00 PM.....ASQDE Banquet (*Churchill Ballroom*)
- 9:00 – Midnight .....ASQDE Hospitality Suite open (Walton Room, 25<sup>th</sup> Floor, South Tower)

## Thursday, August 13

Moderator: Mark Gardner

### *Exhibitor Show in Mountbatten / Posters All Day*

- 8:00 - 9:00 AM.....BREAKFAST (*Churchill Court*)
- 9:00 - 9:20 AM.....Master Penman Imitation Characteristics  
*James Hayes*
- 9:20 - 9:40 AM.....Factors Affecting Electrostatic Detection Apparatus – 2  
(ESDA2) Indented Writing Visualization  
*Nina Harnarine*, John Jacobs, David Juck, Dr. Tracy Rogers
- 9:40 - 10:00 AM.....A Study on the Handwriting of Adolescents in Singapore  
*Chiew Yung Yang*, Chin Chin LIM, Yvonne Hui Ying SIM
- 10:00 -10:30 AM.....BREAK (*Churchill Court*)
- 10:30 - 10:50 AM.....Developing an Ink Database for Commonly Used Pens  
Manufactured in Pakistan  
*Zumrad usman Bhutta*
- 10:50 - 11:00 AM.....ABFDE Update  
*Kirsten Singer*
- 11:00 - 11:10 AM.....ASQDE 2016  
*Karen Nobles*
- 11:10 - 11:20 AM.....Closing Remarks  
*John Paul Osborn*
- 1:30 - 5:00 PM.....Vincent Graves Green Foundation Tour (by pre-registration only)

## *Mark Your Calendar!*

The 74<sup>th</sup> Annual ASQDE Meeting will be held  
August 21-25, 2016 at the Hilton Pensacola Beach in Pensacola, Florida

*Check the ASQDE website for updates*