



FORENSICS EUROPE EXPO

29 April – 30 April 2014

Olympia, London

ForensicsEuropeExpo.com

Forensics Europe Expo 2014 Conference Programme

Discover
Forensic Innovations
to Solve Investigations
29 – 30 April 2014

Book Your Conference Pass Today to Learn about Subjects including:

- Emergence of innovation in forensic analysis
- Latest developments in DNA
- The importance of collaborative working within forensics
- The growth in forensic imagery techniques and their application in law enforcement
- Using forensics linguistics from mobile phone messages as vital evidence in criminal cases
- Best practice around open source intelligence

Pre-registration only – Book Your Pass Today at www.ForensicsEuropeExpo.com/register

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FORENSICS EUROPE EXPO

29-30 April 2014

Olympia, London

ForensicsEuropeExpo.com

Forensic Innovations to Solve Investigations

Forensics Europe Expo is the only premier dedicated international forum for the entire forensic sector and supply chain to source innovative forensic products, equipment and services, as well as providing the definitive source of education, best practice, training and networking worldwide.

How to make the most of your visit?

- Attend the **FREE** exhibition to meet and do business with over 70 leading international suppliers
- Meet and network with 3,000+ forensic peers from over 44 countries
- Attend two acclaimed conference streams running simultaneously including Forensic Innovations conference and Digital Forensics conference to learn from leading industry speakers
- Learn from leading suppliers during **FREE** to attend Show Floor Seminar Theatres
- Attend the Crime Feature Demo Area
- Find valuable connections within the forensic world during multiple networking events
- Attend the co-located Counter Terror Expo and Ambition to see demonstrations of cutting edge forensic techniques when x-raying a suspect package and a post bomb disposal investigation scenario during the C-IED demonstrations at CTX

Who should attend?

Senior Decision Makers from the Following Sectors:

- Police/Law Enforcement/Intelligence Services
- Corporate Organisations/Private Sector
- Legal Practice
- Trading Standards
- Laboratories
- Training/Consultancy
- Central/Local Government
- Military



Forensics Europe Expo 2014 is set to host over 3,000 attendees and 70+ leading international suppliers during:

- Two day Conference Programme including the
- Digital Forensics Conference and the Forensic
- Innovations Conference
- Free to attend Show Floor Seminar Theatres
- Crime Feature Demo Area
- Free to attend Networking Events

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Forensics Europe Expo 2014 Conference Themes

Over the last decade, forensic science and digital forensics have experienced some rapid advancements and are now an integral part of the criminal investigation process across the world. With law enforcement becoming increasingly reliant on the most innovative forensic techniques, the demand has risen and created an expectation that forensics is the panacea to solve crime. At the same time, rapid advances in DNA now mean that scientists can extract evidence from even the most minute sample efficiently and accurately.

While this increase in demand is a welcomed development, the reliance on forensic science has created new pressures on the forensic industry to meet the growth in demand and constantly improve best practice in line with

limited budgets across public and private sectors. Digital forensics are also experiencing an extreme rise in use to help solve crimes meaning that investigators and experts must stay one step ahead to find new ways of extracting and analysing the data from digital devices that are often robust and can withstand legal analysis.

The conference will showcase latest advances in both digital forensics and forensic innovations focusing on next generation techniques and technology. The conference streams will use a series of presentations, discussions and workshops to highlight the important role that practitioners, academics and industry play in ensuring the momentum and progress of the past decade continues to develop and evolve.

Forensics Europe Expo will host **two** high level conference streams

Forensic Innovations – Past, Present and Future

Innovation in forensic science is a true phenomenon that has been embraced by law enforcers, academics and industry professionals across the world in a way that could not have been predicted even a decade ago. Such advancements have transformed the evidential potential that is now available to investigators that has enabled them to secure successful prosecutions – often years after a crime has been committed. The conference will be a celebration of these advancements, examining them in detail and debating present and future challenges that will occur as a result.

Digital Forensics

The unprecedented proliferation in new technology over the past five years has led to the development of digital forensics as a scientific discipline. The fact that almost all of us conduct our lives in the ‘virtual’ world on mobile phone and computers through social networking sites and the internet in general has presented new challenges for law enforcers and corporate investigations. It has also led to an increase in academic courses and research devoted to this exciting new area of science. This unique event brings together leading law enforcers, academics and industry representatives to debate the current issues around digital forensics and to look at how this exciting body of work will progress in future years as technology continues to develop and advance.

2014 Leading Industry Speakers Include:

- John Cassella, Staffordshire University.
- Andy Wooller, Forensic Imagery Specialist and Expert, Witness.
- Andrew Miller, MP, Chairman of Commons Science and Technology Committee.
- Ir Win Van Geloven and Jos Toth, Project Leader, Netherlands Forensic Institute.
- Professor Resat Apak, Istanbul University.
- Tom Nelson, Director of the Scottish Police Authority and President Elect of The Chartered Society Forensic Science Society.
- Keith Fryer, OBE, Head of Centre, College of Policing.
- Dr Graham Williams, Senior Lecturer in Forensic Science, University of Huddersfield.
- David Nicholson, Director, DNA Worldwide Group.
- Dr Mark Perlin, Cybergenetics.
- Dr Ann Priston, OBE, President, The Chartered Society of Forensic Sciences.
- Matthijs Zuidberg, Forensic Scientist, Netherlands Forensic Institute.
- Professor Stuart Black and Ray Fysh, University of Reading.
- Anthony Drury, Bruker UK Ltd.
- Charlie McMurdie, Former Head E-Crime, Metropolitan Police Service.
- Professor John Walker, The Chartered Society of Forensic Sciences.
- Jonathan Taylor MSc, Social Media and Internet Safety Consultant
- Michael Neville, Head of Images, Metropolitan Police Service.
- Professor David Last, GPS and Radio Navigation Specialist.

08.45 - 09.15: Coffee/Registration

09.15 - 09.30: Chairman's Opening Remarks

Professor John Cassella, Department of Forensic Science Education, Staffordshire University

Overview

09.30 - 9.50: Science and Technology Select Committee Report into the Forensic Science Service – The Way Forward

Andrew Miller MP, Chairman of Commons Science and Technology Committee

9.50 - 10.10: Modernisation of Forensic Science Services in Scotland

Tom Nelson, Director of the Scottish Police Authority and President Elect of The Chartered Society Forensic Science Society

10.10 - 10.20: The Chartered Society of Forensic Sciences – new beginnings

Dr Ann Priston, OBE, President, The Chartered Society of Forensic Sciences

10.20 - 10.40: Questions

10.40 - 11.10: Coffee/Tea/Exhibition visit

International

11.10 - 11.30: Twinning Project “Improving the Skills of Forensic Experts”. A successful international forensic collaboration in Turkey

Jos Tóth, Project Leader (Dutch) component by the Netherlands Forensic Institute, The Hague

11.30 - 11.50: Future-proofing Forensic Anthropology. The use of innovative technology in Forensic Anthropology Cases

Dr Anna Williams, Forensic Anthropologist, University of Huddersfield

11.50 - 12.10: An overview of nanotechnology sensor methods for trace explosive detection

Professor Resat Apak, Instabul University

12.10 - 12.20: Questions

12.20 - 13.50: Lunch/Exhibition visit

Innovation

13.50 - 14.10: An overview of competent assessment work in the UK

Keith Fryer, OBE, Head of Centre, College of Policing

14.10 - 14.30: Forensic Jewellery: An Introduction to Jewellery as a Method of Human Identification'

Maria McClelland, University of Dundee

14.30 - 14.50: Forensic evidence from mouldy corpses, carpets, walls, and food

Professor David L Hawksworth CBE & Dr Patricia E J Wiltshire

14.50 - 15.10: Questions

15.10 - 15.30: Coffee/Tea/exhibition

DNA

15.30 - 15.50: Latest developments in forensic applications in microRNA analysis

Dr Graham Williams, Senior Lecturer in Forensic Science, University of Huddersfield

15.50 - 16.10: Complex forensic DNA testing

David Nicholson, DNA Worldwide

16.10 - 16.40: Cracking the DNA mixture code – computer analysis of UK crime cases

Dr Mark Perlin, MD, PhD, PhD, Cybergenetics

16.40 - 17.00: Questions

17.00: Conference closes

08.45 - 09.15: Coffee/Registration

09.15 - 09.30: Chairman's Opening Remarks

Allan Scott, Forensic and Policing Services Association

Overview

09.30 - 9.55: Current forensic landscape

Dr Angela Gallop, Former President of Forensic Science Society and Former Director of LGC Forensics

9.55 - 10.20: Forensic search of land and water

Peter Faulding, forensic search expert

10.20 - 10.40: Questions

10.40 - 11.10: Coffee/Tea/Exhibition visit

Crime scene investigation

11.10 - 11.30: The use of portable X-ray technology at crime scenes

Matthijs Zuidberg and Leon Meijrink, Netherlands Forensic Institute

11.30 - 11.50: Extracting advanced forensic intelligence from Latent fingerprint marks at a crime scene using mass spectrometry imaging

Simona Francese, Senior Lecturer, Sheffield Hallam University

11.50 - 12.10: Dead man talking – using skeletal remains to identify victims at crime scenes

Professor Stuart Black and Ray Fysh, University of Reading

12.10 - 12.30: Questions

12.30 - 14.00: Lunch/Exhibition visit

New forensic techniques

14.00 - 14.20: Innovative forensic testing to identify suspect hair and eye colour

Prof Manfred Kayser from Erasmus University Medical Center, Rotterdam

14.20 - 14.40: The use of Radio Frequency Identification (RFID) to improve the tracking of forensic samples

Duncan Carmichael, Agriyork 400

14.40 - 14.50: Questions

14.50 - 15.10: Coffee/Tea/Exhibition

Forensic Toxicology

15.10 - 15.30: Automated mass spectrometric drug screening

Anthony Drury - Bruker UK

15.30 - 15.50: Differentiating identical twins in paternity testing and forensics by ultra-deep next generation sequencing

David Nicholson, DNA Worldwide

15.50 - 16.00: Questions

16.00: Conference closes

08.45 - 09.15: Coffee/Registration

09.15 -09.30: Chairman's opening remarks
Andy Wooller, Acuity Forensics

Changing Digital Landscape

09.30- 09.50: Challenges around cyber crime
Charlie McMurdie, former head of e-crime at the Metropolitan Police Service, UK

09.50 - 10.10: The successful and overwhelming growth of cyber adversity in serious organised crime
Professor, John Walker, Forensic Science Society

10.10 - 10.40: Roundtable

10.40 - 11.10: Coffee/Tea/Exhibition visit

Digital Evidence

11.10 - 11.30: Bringing digital evidence to Life
Andy Mason and Frank Brown, Scottish Police Authority Forensic multi-media unit

11.30 - 11.50: The 21st century digital trail – tracing the footprints left by digital devices
Mark Wilshaw, internet crime specialist

11.50 - 12.10: Advanced mobile device forensics
Simon Lang, Sytech

12.10 - 12.30: Roundtable

12.30 - 14.00: Lunch/Exhibition visit

Online Crime

14.00 - 14.25: How chat facilities, social networking sites and instant messaging are used by online sex offenders
Jonathan Taylor MSc. Social Media and Internet Safety Consultant

14.25 - 14.50: Investigating and identifying people through social networking sites
Neil Smith, Open source intelligence expert, Data Locator 2202

14.50 - 15.00: Roundtable

15.00 - 15.20: Coffee/Tea/Exhibition

Evidence

15.20 - 15.50: The use of forensic linguistics in mobile phone texts
Dr John Olsen, Institute of linguistics

15.50 - 16.20: Effective presentation of digital forensic and technical evidence in court
Daren Greener, Sytech

16.20 - 16.30: Panel discussion

16.30: Conference closes

08.45 - 09.15: Coffee/Registration

09.15 - 09.30: Chairman's Opening Remarks

Andrew Sheldon, Forensic and Policing Services Association

Forensic Imagery

09.30 - 09.55: Using CCTV and other forensic imagery as the third forensic

DCI Michael Neville, Head of Images, Metropolitan Police Service, UK

09.55 -10.20: Latest innovation in forensic imagery in major crime

Andy Wooller, Acuity Forensics

10.20 - 10.40: Roundtable

10.40 - 11.10: Coffee/Tea/Exhibition visit

Mobile Forensics

11.10 - 11.25: Investigating mobile device data

Paul Baxter, Micro Systemation

11.25 - 11.55: New technological advances in telecommunications evidence & intelligence

Richard Leary MBE, LLB (HONS) PHD, Managing Director, Forensic Pathways & The UK National Centre for Precision Technology

11.55 - 12.20: When a phone is not a phone

Yuval Ben Moshe, Cellebrite

12.20 - 12.40: Roundtable

12.40 - 14.00: Lunch/Exhibition visit

Computer Forensics

14.00 - 14.20: Remote forensics with the Tableau TD3: Whether to triage, image, or begin forensic analysis, certain situations call for centralized staff to access evidence remotely in a forensically sound manner.

This session will help you get the most out of your Tableau TD3 by showing you how the TD3 can be used to access suspect drives remotely via the internet.

Steve Gregory, Forensic Solutions Specialist

14.20 - 14.40: The use of Digital Forensics Cloud Storage system in Dropbox, SkyDrive, GoogleDrive, iCloud and other systems.

Marco Scarito, digital forensics specialist

14.40 - 14.50: Roundtable

14.50 - 15.10: Coffee/Tea/Exhibition

Innovation

15.10 - 15.40: Maximising the potential of GPS Evidence

Professor David Last, GPS and radio navigation specialist

15.40 - 16.00: Sat nav forensics – the key to your next case

Julian Gilmour – Senior Digital Forensic Analyst

16.00 - 16.15: Panel discussion

16.15: Conference closes

How to Book Your Conference Delegate Pass

Pick the package that suits you according to the sector you represent:

If you are a user of forensic services and products and work within Academia/Public Sector/Military/Police

Academic/ Public Sector/ Military/Police	Early Bird 2 Book before 18th April SAVE over £100	Onsite Booked 19th April onwards
1/2 Day Pass on either Day 1 or Day 2, AM or PM	£125 + VAT	£139 + VAT
1 Day Pass	£249 + VAT	£275 + VAT
2 Day Pass	£455 + VAT	£495 + VAT

If you are a supplier or end user in all other sectors and work with elements of forensics:

Industry	Early Bird 2 Book before 18th April SAVE over £100	Onsite Booked 19th April onwards
1/2 Day Pass on either Day 1 or Day 2, AM or PM	£419 + VAT	£525 + VAT
1 Day Pass	£629 + VAT	£735 + VAT
2 Day Pass	£840 + VAT	£945 + VAT

Forensics Europe Expo 2014 will host an exhibition of over 70 leading international forensic suppliers which is FREE to attend using your Conference Delegate pass. Make sure to attend the exhibition to witness top companies from all aspects of forensics showcasing their latest products, services and solutions to revolutionise your investigative techniques.



The Seminar Theatre

Forensics Europe Expo will once again run it's highly successful FREE to attend two day seminar programme located on the show floor. Leading suppliers and experts will share latest industry updates, exclusive case studies and product demonstrations during the two days.

- ♦ See a range of latest forensic techniques showcased under the spotlight
- ♦ Learn from forensic experts about their successes, challenges and lessons learnt to improve your expertise
- ♦ Find out about latest project efficiencies and investigation skills to further progress your career

Interactive Crime Feature

Forensics Europe Expo provides you with the opportunity to attend this highly successful Crime House Feature where leading exhibitors will be showcasing their latest products and solutions. Crime scene scenarios will be role played during the two days, giving attendees the chance to see and experience newest techniques and expertise first hand.

- ♦ Refresh your investigative skills and learn new ones from a range of forensic experts
- ♦ Leading academics and suppliers will take you through a full mock-up investigation and carry out training sessions
- ♦ See the latest forensic products being demonstrated in front of you



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