

3rd Forum for Disaster Victim Identification

Tuesday, 04 March 2014

www.regonline.co.uk/DVI2014

Cineworld: The O2, London, SE10 0DX, UK

This annual networking forum gathers together experts in DVI to discuss current legislation and techniques involved in DVI.

This event has **CPD accreditation** and is part of the *Forensic Forums 2014 series* www.forensicforums2014.com

Meeting Chair: *Professor Sue Black*, Centre for Anatomy and Human Identification, University of Dundee, Scotland, UK

The deadline for abstract submissions for oral presentation has now passed. Abstracts for *poster presentation only* can be submitted up to two weeks before the event. **You can download the instructions for authors at www.euroscicon.com/AbstractsForOralAndPosterPresentation.pdf**

Talk times include 5 – 10 minutes for questions

9:30 - 10:15 **Registration**

10:15 - 10:30 **Introduction by the Chair:** *Professor Sue Black*, Centre for Anatomy and Human Identification, University of Dundee, Scotland, UK

10:30 - 11:00 **DVI is global**

Professor Sue Black, Centre for Anatomy and Human Identification, University of Dundee, Scotland, UK
There is a tendency to think of DVI in a national bubble and even when it is an international incident we still deploy within our national cohort. In times of austerity we perhaps need to look for new models whereby complementarity and common aid are better utilised.

11:00 - 11:30 **The Case for Professionalising the UK DVI Capability**

Mr Nigel Humphreys, UK

The early recommendations leading to the formation of UK DVI were always intended to deliver a robust multi-agency arrangement that was inclusive of all professions with a part to play in the process. Even though the Association of Chief Police Officers (ACPO) were one of the least experienced participants when UK DVI was first put together in 2005, the policing contribution seems to dominate the programme of work to develop and maintain this national capability. For at least 30 years the police service has been using the word 'Professional' to describe many of its functions but has so far, failed to make significant progress in defining the essential elements of a profession for its own staff so what can it be reasonably expected to do for UK DVI? A profession refers to an occupation that requires specialised education, knowledge, training and ethics. A profession is more than just an occupation not least because those who are in it are expected to meet and maintain common standards. Now is the time to ponder the whereabouts of those common standards and shared ethics as well as the commitment to continuing professional development and growing the pool of knowledge that contributes to DVI work in the UK and across the world. Many of us belong to professional bodies that are well established and clearly defined, the police

service is not one of them. By looking at the mindset of the 'Professional Investigator' alongside the culture and ethics of policing, some weaknesses in the current arrangements for UK DVI are laid bare and the case for professionalising a unified DVI function is made.

11:30 - 12:00 Speakers' photo then mid-morning break and poster exhibition and trade show

Please try to visit all the exhibition stands during your day at this event. Not only do our sponsors enable Euroscicon to keep the registration fees competitive, but they are also here specifically to talk to you.

12:00 - 12:30 Collaboration and Communication: The Forensic Service Providers' Perspective

Dr Mike Walbank, Cellmark Forensic Services

12:30 - 13:00 Developing integrated communications and data environment software for disaster scenes

Dr Patrick Langdon, Senior Researcher Inclusive Design, Cambridge University Engineering Department, UK
New developments in wireless communication have great potential to assist disaster management. However, recent development may now make it possible to extend this support to UK interests in other countries and beyond first response into post-mortem procedures. Since contributing to a WRERC workshop in Georgia Tech, 2010 Pat Langdon has researched wireless communication as a tool for aiding First response, Rescue and Disaster management. With a background of 20 years in Mountain Rescue, his contribution has been concerned with use of human centred design techniques to find practical stakeholder requirements and preferences. Stakeholders in the deployment of such technologies will include Governance and the specific countries command hierarchy for first responders such as Fire, Police, Medic, and Military. Initially, this will be aimed at saving lives in the aftermath of an event, using broadcast and interchange of data between the responders, the casualties and relatives involved. However, the same technology has the potential to be developed further for further vital stakeholders, including FCO response and forensic pathology. This talk will give an account of the potential technologies and examine some stakeholder analyses carried out in some international and national research projects.

13:00 - 14:00 Lunch, poster exhibition and trade show

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14:00 - 14:30 Discussion Session

This discussion session is an informal question and answer session. This is an ideal opportunity to get advice and opinion

from experts in this area. This session is not for questions about specific talks, which can be asked after the speakers session, but for discussing either general topics or specific issues.

There are three ways you can ask questions:

1. Before the session you can *submit your question to Euroscicon staff* at the registration desk,
2. Before and during the session you can *submit a question or comments, by email*, which will be provided on the day of the event
3. During the session you can *put your hand up* and join in

14:30 - 15:00 Fail to Prepare, Prepare to Fail. A framework for DVI deployment planning

Mr Brian Chittick, Royal Navy Dental Officer, Royal Brunei Armed Forces

DVI team deployment usually occurs as a result of a short term planning cycle coupled with a short lead time . This is usually also underpinned by longer term planning which comes to fruition at this critical time. A planning framework would help with the strategic and operational planning for DVI deployment. This talk introduces areas that could form the basis of such framework focusing on personnel, logistical and operational planning.

15:00 - 15:30 **PMCT in the identification of the developing human**

Ms Alison Brough, Research Associate within the East Midlands Forensic Pathology Unit at the University of Leicester

15:30 - 16:00 **Afternoon Tea, last poster session and trade show**

16:00 - 16:30 **DVI a multiagency response**

D/Supt Jen Williams, National Emergency Procedures & Disaster Victim Identification Co-ordinator ACPO - Association of Chief Police Officers

Disaster Victim Identification is a multi-agency response where it is important that statutory and voluntary partners work together with the forensic experts in response to an incident . It is only by this approach that we can provide the best service for the victims and families of an incident involving mass fatalities.

16:30 - 17:00 **Identification of the victims of the Christchurch Earthquake**

Dr Jules Kieser, Director, Sir John Walsh Research Institute, University of Otago, New Zealand

The Christchurch earthquake 22 February 2011 was a powerful natural event that severely damaged New Zealand's second-largest city and resulted in 185 fatalities, most of whom died in the collapse of a single six-storey building. The disaster provided a number of unique DVI challenges, including instability of the quake damaged parts of the city, massive injuries and burning suffered by the victims and large numbers of young overseas students involved. Despite this, the DVI exercise was successfully launched in a nearby military base, where a number of novel identification protocols were instituted. This talk will focus on the forensic odontological aspects of this process.

17:00 **Chairman's summing up and Close of Meeting**

Registration Website: www.regonline.co.uk/DVI2014

This meeting was organised by Euroscicon (www.euroscicon.com), a team of dedicated professionals working for the continuous improvement of technical knowledge transfer to all scientists. Euroscicon believe that they can make a positive difference to the quality of science by providing cutting edge information on new technological advancements to the scientific community. This is provided via our exceptional services to individual scientists, research institutions and industry.

About the Chair

Sue Black has been Director of the award winning Centre for Anatomy and Human Identification at Dundee since 2003. She has been President of BAHID and is currently the chair of the professionalisation committee at the RAI

for Forensic Anthropology. She sits on the Home Office committee for forensic science in DVI and is the lead anthropologist on the DVI standing committee for Interpol.

About the Speakers

Patrick Langdon is an experimental psychologist who has contributed to cognitive science, artificial intelligence, robotics and psychophysics. Now at the Cambridge University Engineering Design Centre his most recent research has been in Inclusive User Centred Design, interaction design, prior experience, and multimodal interface profiling from cognitive modelling. Dr Langdon was invited to join phase 2 of the (EPSRC/DST) India-UK Advanced Technology Centre, a centre of excellence for next generation network systems and services, where, with a team of recruited research associates he has built on recent success developing UI technology to support adaptive user interfaces that are accessible to the wider range of users, having impact in both the UK and India. Pat Langdon is the Author and Co-PI of five new EPSRC and Industry funded projects, all concerned with user centred design for new Human Machine Interfaces, in the application areas of Automotive, Aerospace and wireless communications in emergencies. His most recent funded project is with Queen Mary College University of London, under the RCUK Digital Economy programme - ITaaU Project "Using Wireless Networks to Support First Responders and Resilience in Upland Areas". Pat Langdon is a member of the University of Cambridge School of Technology Ethics panel and is an Ethics advisor in the Engineering Department.

Detective Superintendent Jen Williams is the National Policing Disaster Victim Identification Co-ordinator. She has been involved with DVI work in her force, including working on the Asian Tsunami, and took up her current role in December 2012. She is an experienced detective responsible for investigating serious crime and is a PIP 3 accredited investigator. She completed the Postgraduate Certificate in DVI with Dundee University in 2008.

Jules Kieser obtained a BSc from the University of the Witwatersrand, South Africa, in 1971 before going on to qualify as a dentist in 1975. He went into practice first in the outback of South Africa and subsequently in London and Johannesburg. While in practice, he received his PhD in 1989 and was appointed as Reader in Craniofacial Biology and also Honorary Professor of Anatomy at Wits. In 1996 he was appointed to the Chair, and Head of the Department of Oral Sciences, University of Otago in Dunedin, New Zealand. He currently heads the Sir John Walsh Research Institute at Otago University. His research includes biomechanics and anatomy of the oro-facial region, and forensic biology. He has supervised numerous postgraduate students, and published numerous books and more than 150 scientific articles. As a practicing forensic odontologist, Jules has been involved in numerous cases and excavations around the world, including South Africa, Greece and the USA, and has played a leading role in the identification of victims of a number of disasters, including those of the Thai Tsunami and the Christchurch earthquake.

Brian Chittick is a serving Naval Officer with training and experience of working at the strategic and operational level within the military. He has served as a medical planner during Op Telic in Iraq as well as in the Maritime Headquarters in the Middle East. He is a military forensic odontologist and has sat on the Home Office Committee for forensic science. He is also one of the four Dental Identification Managers within UKDVI responsible for the initiation of an forensic odontological response.

Frequently asked questions about our events

· ***Is the delegate list available?***

Yes this is available to everyone who attends the event and our sponsors.

It is available in real time. To access the list please just log into your registration details or use the QR code on right of the agenda card which is provided on the day of the event.

You will not be included in this list if you have opted out and you can do this by logging into your registration details. This list will not be sold or ever give out to third parties.

· ***Can I have the speakers slides?***

We cannot give out the slides from our speaker's presentations as they are deleted immediately after each event. If you require a particular set of slides please approach the speaker. We will however have a meeting report and you will be emailed when this report is published.

· ***Can I have a notepad?***

Notepads and pens are provided in the delegate bags and at the registration desk

· ***How can I keep up to date with Euroscicon Events?***

To keep updated on our events and other Life Science News, please sign up for our newsletter at www.eurosciconnews.com

· ***I don't want my photograph on any Euroscicon promotional material***

Please let our tech person know

· ***Is there WIFI?***

Yes, please ask registration for log in details

· ***Can I have a CPD certificate?***

Please leave your name with registration before the end of lunch a certificate will be created for you and available in the afternoon