Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

3rd International Conference on
Forensic Research & Technology

October 06-08, 2014 Hitlon San Antonio Airport, USA



Exhibitor

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Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to *symposia@omicsonline.org*

OMICS Group Conferences
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Day 1 October 06, 2014

08:00-09:00 **Registrations**

Texas C

09:00-09:20 **Opening Ceremony**

Keynote Forum

09:20-09:25 **Introduction**

09:25-09:50 **Jerry Melbye**
University of North Texas, USA

09:50-10:15 **George W Adams**
University of North Texas, USA

10:15-10:40 **Evangeline Barefoot**
St. David's Round Rock Medical Center, USA

Coffee Break 10:40-10:55 @ Ballroom Foyer

Track 1: Forensic Psychology & Forensic Psychiatry
Track 6: Forensic Chemistry and Forensic Toxicology
Track 7: Wild life Forensic Science

Session Chair: Ronn Johnson, University of San Diego, USA
Session Co-Chair: Mark Love, 2 Dr. Johnsons Buildings, UK

Session Introduction

10:55-11:15 **Clinical forensic implications for the DSM-5 quadrant in JFSB**
Ronn Johnson, University of San Diego, USA

11:15-11:35 **A review of patients in a psycho-sexual clinic in the UK- How strong is the relationship between psycho-sexual problems and a history of sexual abuse or assault?**
Lucy Love, G4s Forensic and Medical Services, UK

11:35-11:55 **Management of the sexually assaulted patient: Utilization of the "forensic survey"**
Evangeline Barefoot, St. David's Round Rock Medical Center, USA

11:55-12:15 **Have we done all we can do?**
Linda Galvan, St. David's Georgetown Hospital, USA

12:15-12:35 **Phenomenological study of the experiences of emergency department nurses in the referral for and/or administration of a lethality tool in a rural hospital**
Michele I Bracken & Michelle Clifton, Salisbury University, USA

12:35-12:55 **Should PTSD suffering patients be blamed for the combat related crimes in former Yugoslavia?**
Branislav Filipovic, University of Belgrade, Serbia

Lunch Break 12:55-13:40 @ Lonestar West

13:40-14:00 **Clinical forensic psychological factors in using the DSM-5: Cultural paradigm**
Ronn Johnson, University of San Diego, USA

14:00-14:20 **Chemical element levels as a methodological tool in forensic science**
Gianni Gallello, University of Valencia, Spain

14:20-14:40 **Achievements and challenges in development of wildlife forensics in south-east Asia for controlling illegal trade for biodiversity conservation: A case study from India**
S P Goyal, Wildlife Institute of India, India

14:40-15:00 **The use of localised thermal desorption for extraction of volatile hydrocarbons from within a fire scene: A multi-study analysis**
Tom Smale, Canberra Institute of Technology, Australia

15:00-15:20 **Secure digital forensic imaging (SDFI)**
Ward Allen, SDFI-TeleMedicine, USA

15:20-15:40 **Forensic psychological autopsy of home grown terrorists: More questions than answers**
Ronn Johnson, University of San Diego, USA

15:40-16:00 **Genetic structure of tiger populations in India and its significance in forensics**
S P Goyal, Wildlife Institute of India, India

16:00-16:20 **Children terrorists, children in danger or dangerous?**
Abbassi Salah-Eddine, Worldwide Association of Women Forensic Experts, France

Coffee Break 16:20-16:35 @ Ballroom Foyer

16:35-16:55 **Forensic mental health treatment in juvenile justice secure care facilities for juvenile fire setters and bomb makers: Clinical and forensic public safety recommendations**
J Y Cindy Kim, University of San Diego, USA

16:55-17:15 **Forensic use of the DSM-5 quadrant in juvenile fire setter and bomb maker cases: A mitigation of criminal responsibility?**
Eric Jacobs, Alliant International University, USA

17:15-17:35 **Treatment strategies for forensic psychologists working with juvenile fire setters and bomb makers' parents**
Christine Collins, Alliant International University, USA

17:35-17:55 **Can pre-treatment motivational groups in FATJAM to promote therapeutically-relevant changes for juvenile fire setters and bomb makers in forensic psychological settings?**
Michelle Jimenez, University of San Diego, USA

17:55-18:15 **Refusing and withdrawing from forensic psychological evaluation and treatment cases for juvenile fire setters and bomb makers**
Jessica Mueller, Alliant International University, USA

18:15-19:15 Cocktails sponsored by **Journal of Forensic Research @ Texas E**

Day 2 October 07, 2014

Texas C

Track 2: Forensic DNA Analysis
Track 3: Forensic Anthropology
Track 4: Forensic Odontology
Track 8: Forenisc Engineering

Session Chair: Jerry Melbye, University of North Texas, USA
Session Co-Chair: M AL Salih, DNA Refrence Lab, USA

Session Introduction

09:30:09:50 **Novel concepts for the application of rapid DNA technology as a sentinel event prophylactic in the criminal justice system**
George W Adams, University of North Texas, USA

09:50-10:10 **Evaluation of the "ETHNITEST" as a basic genetic tool in the assessment of ethnic origin for forensic and medical applications**
M AL Salih, DNA Refrence Lab, USA

10:10-10:30 **Forensic anthropology, the past, the present and the future**
Jerry Melbye, University of North Texas, USA

10:30-10:50 **Development of the standard of the determination of genetic identity on the basis of the predetermined level of reliability of DNA identification**
Irina Perepechina, Lomonosov Moscow State University, Russia

Coffee Break 10:50-11:05 @ Ballroom Foyer

11:05-11:25 **Multidisciplinary approaches to complex investigations in the UK**
Julie Roberts, Cellmark Forensic Services, UK

11:25-11:45 **Forensic research of DNA markers of hereditary disorders**
Irina Perepechina, Lomonosov Moscow State University, Russia

11:45-12:05 **Work of a forensic anthropologist**
S K Dhattarwal, PGIMS, India

12:05-12:25 **Comparison of gunshot entrance morphologies caused by 40-caliber Smith & Wesson, 380-caliber, and 9-mm Luger bullets: A finite element analysis study**
Rodrigo Ivo Matoso, State University of Campinas, Brazil

12:25-12:45 **Investigation of some vapour and dust explosions**
Luca Marmo, Polytechnic University of Turin, Italy

12:45-13:05 **Direct and indirect age estimation methods for primary teeth**
P Sema Aka, University of Ankara, Turkey

Lunch Break 13:05-13:50 @ Lonestar West

13:50:14:10 Video Presentation
Anna Barbaro, WAWFE, Italy

14:10-14:30 **Building an international network of professionals to enhance forensic work in post-conflict countries**
Ena Dion, International Network to Promote the Rule of Law (INPROL), USA

14:30-14:50 **Standards, protocols and globalization of forensic odontology**
Alan Diego Briem Stamm, University of Rosario, Argentina

14:50-15:10 **Techniques of forensic identification in dentistry**
Maria Cecilia Pastor, WAWFE, Peru

15:10-15:30 **Positive identification of a burned body using an implanted orthopedic plate**
Rodrigo Ivo Matoso, State University of Campinas, Brazil

15:30-15:50 **Postmortem vitreous chemistry: An evaluation of sodium, potassium and chloride levels in estimation of time since death (during the first 36 hours after death)**
Chandrakanth Hungund, JSS University, India

15:50-16:10 **Processing and DNA typing of old skeletal remains training courses in Slovenia**
Erdogan Oncun, Oncun Forensic Science Service, Cyprus

15:00-15:55 Poster Presentations @ Texas D

Coffee Break 16:10-16:25 @ Ballroom Foyer

16:25-16:45 **Reconstruction of the dynamics of a huge fire in a steel-rolling plant: Methods of investigation**
Luca Marmo, Polytechnic University of Turin, Italy

16:45-17:05	**Human rights and forensic technology in Colombia** **Nadezhda Araujo Quintero**, Università di Bologna, Italy
17:05-17:25	**Researching causes in 2003 Algiers (Algeria) earthquake disaster: A new multidisciplinary approach to learn lessons from disasters (Forensic Investigations of Disasters (FORIN))** **Djillali Benouar**, USTHB, Algeria
17:25:17:45	**Context, practice and development of the forensic anthropology** **Francisco Douglas Rosa Machado**, Federal University of Amazonas, Brazil
18:00-19:00	Cocktails sponsored by **Anatomy & Physiology: Current Research @ Texas E**

Day 3 October 08, 2014

Texas C

Track 5: Forenisc Pathology
Track 9: Digital Forensics
Track 10: Computational Forensics

Session Chair: Cameron Brown, Australian National University, Australia
Session Co-Chair: Matthias I Okoye, Nebraska Institute of Forensic Sciences Inc. (NIFS), USA

Session Introduction

10:00:10:05	**Session** **Lizswan**, Mercyhurst University, USA
10:05-10:25	**Anticipating an advance in forensic DNA** **Robert D Blackledge**, Forensic Chemist Consultant, USA
10:25-10:45	**Past, present and future methods for the assessment of chondrocytes' viability: A new parameter for the determination of the postmortem interval?** **Armin Alibegović**, University of Ljubljana, Slovenia

Coffee Break 10:45-11:00 @ Ballroom Foyer

11:00-11:20	**Post mortem changes in tropical environments** **José Vicente Pachar Lucio**, Medico Legal Institute of Panama, Republic of Panama
11:20-11:40	**Recent advances in forensic image analysis in medico-legal death investigations** **Matthias I Okoye**, Nebraska Institute of Forensic Sciences Inc. (NIFS), USA
11:40-12:00	**Cybercrime, criminal justice and the 'Funnel Effect': Evidentiary challenges for Forensic investigators, prosecutors, and judicial officers** **Cameron Brown**, Australian National University, Australia
12:00-12:20	**Forensic pathology: The pivot of medico-legal system** **S K Dhattarwal**, PGIMS, India
12:20-12:40	**Migraine and psychiatric disorders co-morbidity explained by sinus hypoxic nitric oxide theory - A new hypothesis on the Sino rhinogenic theory** **S M Rathnasiri Bandara**, Teaching Hospital Kandy, Sri Lanka
12:40-13:00	**Self-mutilation for the purpose of insurance fraud (case report)** **Zahra Hedayati**, Legal Medicine Organization to the Islamic Republic of Iran, Iran

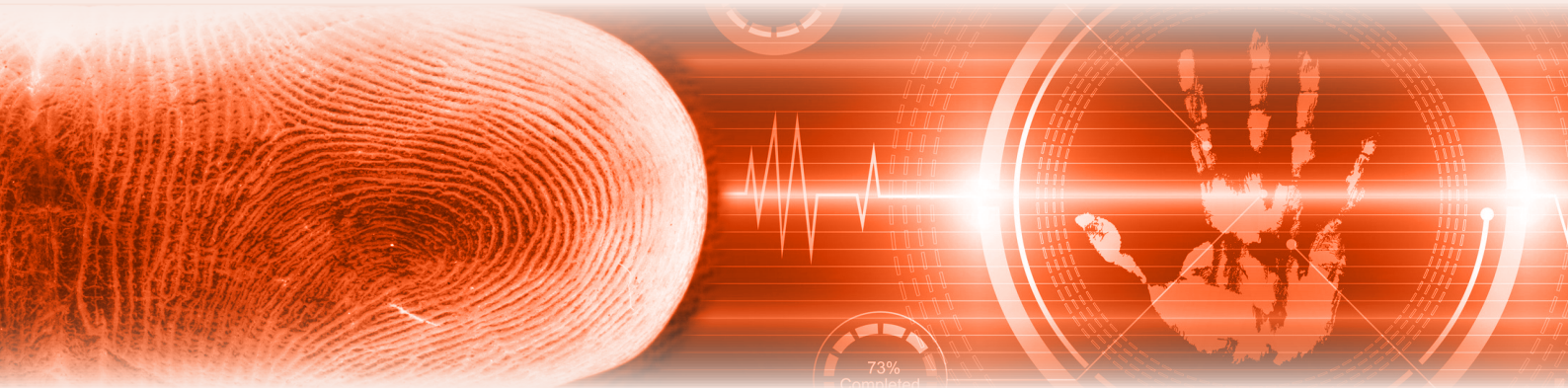
Lunch Break 13:00-13:45 @ Lonestar West

Award Ceremony

Bookmark your dates

OMICS Group Conferences
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4th International Conference on
Forensic Research and Technology
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