Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

2nd International Conference on
Forensic Research & Technology

October 07-09, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA



"Organize your Events at OMICS Group Conferences"

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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October 06, 2013

17:30-18:30 Registrations

Day 1 **October 07, 2013**

08:30-09:30 Registrations

Salon B

OMICS Group Conferences
Accelerating Scientific Discovery

09:30-10:00

Opening Ceremony

Keynote Forum

10:00-10:05 **Introduction**

10:05-10:30 **Evangeline Barefoot**
St. David's Round Rock Medical Center, USA

10:30-10:55 **Doug Carner**
Forensic Protection, USA

Coffee Break 10:55-11:10 @ Event Center

11:10-10:35 **Ronn Johnson**
University of San Diego, USA

Track 1: Role of Psychology In Forensic Science

Session Chair: Ray Bull, University of Derby, UK

Session Co-Chair: Ronn Johnson, University of San Diego, USA

Session Introduction

11:35-11:55 **Revealing forensic evidence to suspects: Strength and training**
Ray Bull, University of Derby, UK

11:55-12:15 **Forensic risk assessments of juvenile fire setters based on parental endorsement responses**
Ronn Johnson, University of San Diego, USA

12:15-12:35 **Managing victim expectations of forensic science to improve reported satisfaction with the police**
Lisa Smith, University of Leicester, UK

12:35-12:55 **Domestic violence: The medical forensic response**
Evangeline Barefoot and Linda Galvan, St. Davids Round Rock Medical Center, USA

12:55-13:15 **A study of suicide in patients in a tertiary psychiatric center**
C. R. J. Khess, Central Institute of Psychiatry, India

Group Photo

Lunch Break 13:15-14:00 @ Event Center

14:00-14:20 **Use of the binomial distribution and neuropsychological functioning to detect simulated symptoms of PTSD**
Kenneth R. Morel, Walter Reed National Military Medical Center, USA

14:20-14:40 **Exploring what goes on behind closed doors: Pretrial publicity and jury deliberations**
Christine L. Ruva, University of South Florida Sarasota-Manatee, USA

14:40-15:00 **Competence, credibility, and reliability of childrens forensic reports: A research potpourri**
Kamala London Newton, University of Toledo, USA

15:00-15:20 **Violence against the "fair sex" in India: Protective measures**
Jayati Simlai, RINPAS, India

15:20-15:40 **Forensically oriented police officer PTSD preparation for school shootings**
Ronn Johnson, University of San Diego, USA

15:40-16:00 **Religiously motivated violence in North and West Africa: A forensic sociology perspective**
Shaul M. Gabbay, University of Denver, USA

Coffee Break 16:00-16:15 @ Event Center

Workshop on Audio video image forensics: Turning science fiction to science reality

16:15-18:15

Media forensics-audio, video and image files: Structure, hash tags, metadata and tamper detection
Doug Carner, Forensic Protection, USA

Intelligence at the edge: The evolution and future of video analytics and forensically searchable meta data
David W. Brent, Bosch Security Systems, USA

Media forensics- Restorative based clarification versus judgment based enhancement: History, science and emerging technologies
Doug Carner, Forensic Protection, USA

Media forensics- Photoshop forensics, photogrammetry and videogrammetry: Identifying details, calculating subject height and vehicle speed
Doug Carner, Forensic Protection, USA

18:20-19:20 Cocktails Sponsored by: **Journal of Forensic Research @ Event Center**

Day 2 October 08, 2013

Keynote Forum

08:35-09:00 **Arlene Kent-Wilkinson**
University of Saskatchewan, Canada

Salon B

Track 2: Forensic Medicine
Track 3: Modern Developments in Forensic Science

Session Chair: Prateek Rastogi, Kasturba Medical College, India
Session Co-Chair: J. Graham Rankin, Marshall University, USA

Session Introduction

09:00-09:20 **Sexual diamorphism- An odontometric Approach**
Prateek Rastogi, Kasturba Medical College, India

09:20-09:40 **Legal and not so legal highs: Forensic analysis of emerging drugs**
J. Graham Rankin, Marshall University, USA

09:40-10:00 **Cavum septi pellucidi as a marker of the neuropsychiatric diseases: A pointer or mislead? A cadaveric clinical observation**
Branislav Filipovic, School of Medicine Belgrade, Serbia

10:00-10:20 **A new method for craniofacial approximation based on EDMA**
Ren Fu, Liaoning Medical University, China

10:20-10:40 **A simple method of generating complex DNA profiles utilizing *Alu*-based markers with applications in forensics, paternity, genetic mapping and population studies**
David H. Kass, Eastern Michigan University, USA

Coffee Break 10:40-10:55 @ Event Center

10:55-11:15 **Complicated murder or complex suicide? An unsolved mystery**
P. Sampath Kumar, Sri Ramachandra University, India

11:15-11:35 **A community response to community trauma**
Monica Wilson, National University, USA

11:35-11:55 **Key findings and recommendations from the 2010-2012 needs assessment of forensic mental health programs and services for mentally disordered offenders in Saskatchewan, Canada**
Arlene Kent-Wilkinson, University of Saskatchewan, Canada

11:55-12:15 **Surface chemistry of gunshot residue (GSR) particles by time of flight secondary ion mass spectrometry (ToF SIMS) - Complement to electron microscopy (SEM/EDX)**
Zachariah Oomen, Albany State University, USA

Track 4: Forensic Toxicology
Track 5: Forensic Research and Medical Ethics
Track 6: Interdisciplinary Approach in Forensic Sciences
Track 8: Forensic Analysis and Tools

Session Chair: Mark Love, 2 Dr. Johnsons Buildings, UK
Session Co-Chair: Varsha Pandya, Kutztown University, USA

Session Introduction

12:15-12:35 **Does the adversarial system of justice serve science?**
Mark Love, 2 Dr. Johnsons Buildings, UK

12:35-12:55 **Interviewing for relational dynamics: Forensic understanding for sentencing offenders of intimate partner violence**
Varsha Pandya, Kutztown University, USA

12:55-13:15 **Challenge of forensic toxicology in the era of synthetic biology**
Ching Song, University of Science and Technology Beijing, China

Lunch Break 13:15-14:00 @ Event Center

14:00-14:20 **Technology as applied to forensic post-mortem examinations: A boon or a bane?**
Gilbert Lau, Forensic Medicine Division, Singapore

14:20-14:40 **Montana justice: A remarkable story of finding justice and affirmation of family**
Clem C. Pellett, Center for Oral and Maxillofacial Surgery, USA

14:40-15:00 **Response mechanisms of marijuana, cocaine, methamphetamine, and flunitrazepam to environment**
Harvey J.M. Hou, Alabama State University, USA

15:00-15:20 **In search of the serial killer**
Hester M.A. Brink, Rotterdam Police Force, Netherlands

15:20-15:40 **Malignant narcissistic dimension in antisocial acts: Implications for psychiatry**
Simona Trifu, University of Bucharest, Romania

Coffee Break 15:40-15:55 @ Event Center

15:55-16:40 **Poster Presentations @ Event Center**
18:35-19:35 Cocktails Sponsored by: **Journal of Anatomy & Physiology @ Event Center**

Day 3 October 09, 2013

Salon B

Track 7: Forensic Evaluation
Track 9: Environmental Forensic Tools
Track 10: Forensic and Investigative Sciences

Session Chair: J. Graham Rankin, Marshall University, USA
Session Co-Chair: Diana Hall, University Center of Legal Medicine Lausanne and Geneva, Switzerland

Session Introduction

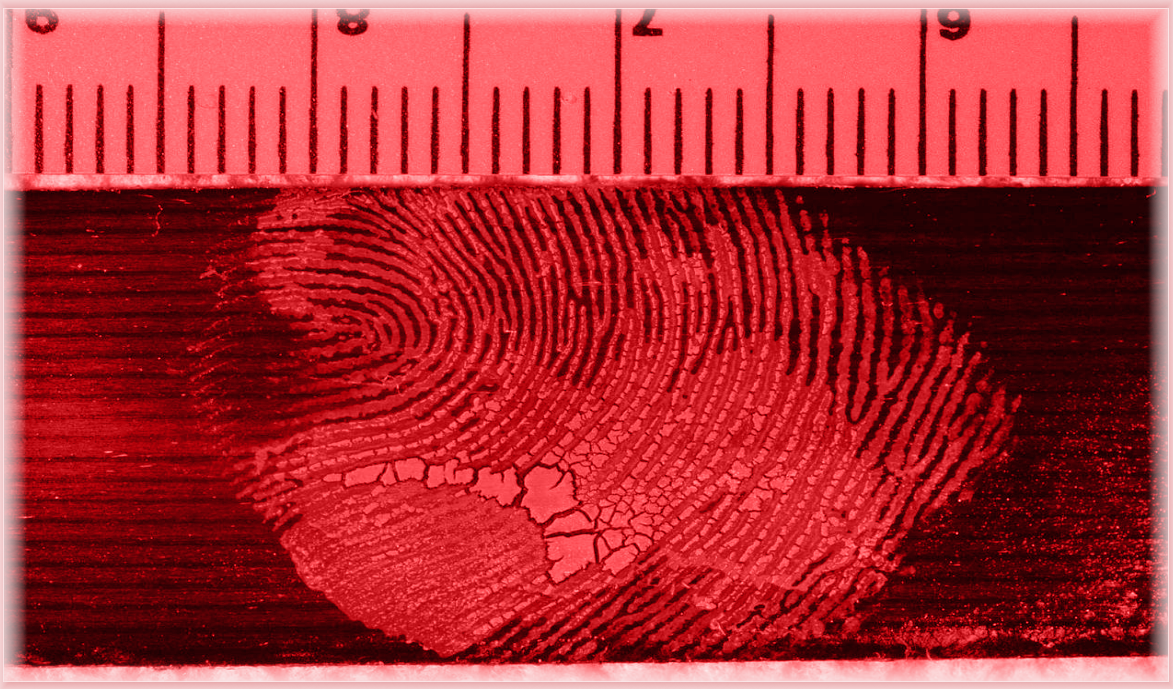
09:00-09:20 **Ignitable liquid residue distribution in pour patterns**
J. Graham Rankin, Marshall University, USA

09:20-09:40	**DIP STR: Highly sensitive markers for the analysis of unbalanced genomic mixtures** **Diana Hall,** University Center of Legal Medicine Lausanne and Geneva, Switzerland
09:40-10:00	**Chemical analysis of fingerprints** **Marcel de Puit,** Netherlands Forensic Institute, Netherlands
10:00-10:20	**Detection of short tandem repeat polymorphisms from human nail samples by direct polymerase chain reaction** **Jian Tie,** Nihon University School of Medicine, Japan
10:20-10:40	**Profiling DNA without PCR: A single molecule based approach** **Tanya M. Simms,** University of Kansas, USA
	Coffee Break 10:40-10:55 @ Event Center
10:55-11:15	**Is sexual assault managed well in the UK? Can the UK and the US learn from each other?** **Lucy Love,** G4s Forensic and Medical Services, UK
11:15-11:35	**Human uni-parentally markers analysis from samples of the Moroccan population** **Rachid Aboukhalid,** Agdal University, Morocco
11:35-11:55	**Software for cataloging and identification of dental implants: A powerful tool for recognition and forensic identification purposes** **Fabrizio de Marco,** University of Milan, Italy
11:55-12:15	**Forensic electro analysis of Δ^9- tetrahydrocannabinol traces by square-wave voltammetry** **Marcelo Firmino de Oliveira,** University of Sao Paulo, Brazil
12:15-12:35	**Safeguarding children: Risk factors in child sexual abuse** **Eryl A. Davies,** Lancashire Sexual Assault Forensic Examination Centre, UK
12:35-12:55	**Forensic disaster investigations (FORIN), a new approach to learn lessons from disasters: A case study of the 2001 Algiers (Algeria) flood and debris flow** **Djillali Benouar,** USTHB, Algeria
	Lunch Break 12:55-13:40 @ Event Center
13:40-14:00	**Statistical analysis of optimum treated Jatropha seeds required for cockrel feeds** **Babalola Bamidele,** Federal Polytechnic, Nigeria
14:00-14:20	**Development of an expert system for classifying ignitable liquid residues in fire debris by ASTM E1618** **J. Graham Rankin,** Marshall University, USA
	Pannel Discussion

Bookmark your dates

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3rd International Conference on
Forensic Research & Technology
October 06-08, 2014 San Antonio, USA



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