

INTERNATIONAL CONFERENCE-2022

FORENSIC SCIENCE

25th-28th August 2022





Background

The International Association of Scientists and Researchers has been a pioneer in introducing research and studies voluntarily available to avid learners and academicians. It has been efficiently delivering researches in the discipline of forensic and anthropology along with other domains of sciences. The unprecedented journey of IASR has been with the enthusiastic support of Sherlock Institute of Forensic Science India (SIFS India), Association of Forensic Odontology for Human Rights (AFOHR) and various organizations of repute.

Forensic Science and Anthropology has been growing significantly over the past few decades; the essential demand of progress has been met with bright young minds putting their extensive efforts into advancements of the field. SIFS India and other fellow organizations have been substantial support pillars in establishing the mark of forensics in India and across the globe. The motive of constant learning and sharing recent studies and advancements have been met constantly with their untiring efforts. The IASR International Conferences (virtual) has been the torchbearer to provide a platform for avid learners to present their work, get better inputs from experienced individuals and learn from esteemed personalities.

Therefore, the Conference aims to provide a platform to researchers, academicians and professionals devoting their efforts to the domains of forensics, such as **fingerprint**, **questioned document**, **crime scene investigation**, **forensic odontology**, **forensic medicine and toxicology**, **forensic biology and serology**, **forensic psychology**, **cyber** and **digital forensics** and forensic physics to flourish the dimensions of the theme of the Conference.



Conference Threads

CRIME SCENE INVESTIGATION

Recent Advancements in Crime Scene Investigation, Crime Scene Investigation, Crime Scenes and their types, Processing of Crime Scene, Crime Scene Reconstruction, Various Evidence and its Legal Implications, Different kinds of Cases Encountered, Criminal Investigation Techniques, Bloodstain Pattern Analysis, Collection, Preservation and Packaging of Different Evidence, Homicidal and Suicidal Investigation, Courtroom Presentation

QUESTIONED DOCUMENT

Alterations in Documents, Currency Notes Examination, Destructive and Non-destructive Techniques, Document Fraud, Erasures in Documents, Document Forgery, Handwriting Analysis, Handwriting Examination, Indented Writing, Ink Analysis in Documents, Machine-printed Documents, Obliterations in Documents, Page Substitutions, Photocopied Documents, Seals and Stamps, Security Documents Examination, Signature Examination, Specialized Instrumentation in Documents, Techniques in Document Examination, Typewritten Documents, Usage of Infrared and Ultraviolet Light Sources in Documents

FINGERPRINT

Friction Ridge Analysis, Future of Fingerprint Examination, Fingerprint as Evidence in Justice Delivery System, Advancements in Fingerprint Science, Methods of Fingerprint Development, Technology used in Fingerprint Analysis, Poroscopy and its Significance website.

FORENSIC MEDICINE & TOXICOLOGY

Forensic Pathology, Role of Doctor in Death Investigation, Medical Ethics and Medical Jurisprudence, Ante-mortem and Post-mortem Injuries, Impact of Toxicology on Forensic Sciences, Modes of Death, Sexual Offences and Unnatural Offences, Determination of Time and Cause of Death, Medicolegal Consideration of Toxicology, Classification and Implication of Poisons, Toxicological Aspects of Poison and other chemicals

FORENSIC ODONTOLOGY

Current Trends in Forensic Odontology, Forensic Dentistry, Forensic Radiology, Identification Tools in Forensic Odontology, Techniques in Forensic Odontology, Forensic Analysis of Injuries in Dentistry, Role of Forensic Odontologist in Mass Fatalities, Determination of Bite-Mark Injuries, Analysis of Abuse Cases.

FORENSIC BIOLOGY & SEROLOGY

Origin of species, Blood grouping, Detection of blood, Barr body identification, Examination and identification of biological fluids and other body parts, Examination and identification of materials like wood, hair, fiber, fecal matter, nails, bones, teeth, leaves, seeds, pollen, and other plant materials, Examination and detection of microbial organisms samples, Examination and identification of diatoms, Determination of paternity and maternity

FORENSIC PSYCHOLOGY

Criminology and Victimology, Mental Health Laws, Substance Abuse and Domestic Violence, Clinical Psychology, Juvenile Offender and its Implications, Forensic and Correctional Psychology, Personality Assessment through Handwriting, Applied Techniques in Forensic Psychology, Different Psychological Theories, Psychological Evaluation and Testimony in Cases

CYBER & DIGITAL FORENSICS

Disk Forensics, Mobile Examination, Email Analysis, Network Forensics, Database Examination, CCTV Footage Examination, Dump Memory Analysis, Digital Image Forensics, Digital Video/Audio Forensics, Cyber Audit, Cyber Theft, Social Media Analysis

FORENSIC PHYSICS

Tool Marks and Other Impression, Forensic Ballistic, Soil Sample Comparison, Glass and Paint Evidence Analysis, Firearms and Ammunition, Accidental Reconstruction, Examination of Counterfeit Documents, Examination of Electrical Cables, Wires, and Energy Meters Examination of GSR, Determination of Range and Direction of Firing



Callfor Paper and Poster

Learners can present their work at the Conference as a Paper or Poster Presentation. Following are the key point to take note of:

- Submit your abstracts in the format at iasrabstarct@gmail.com before the deadline.
- Only 10 outstanding Poster and Paper abstracts individually in each category (fingerprint, questioned document, crime scene investigation, forensic odontology, forensic medicine and toxicology, forensic biology and serology, forensic psychology, cyber and digital forensics and forensic physics) would be allowed to present at the Conference.
- The time allotted for Paper Presentation is 10 minutes (8+2) and for the Poster is 7 minutes (5+2).
- For more details, refer to the DOWNLOADS section at www.forensicevents.com.

Sponsor and Exhibitor Opportunities

The IASR International Conference on Forensic Science offers outstanding opportunities to become a Conference **Sponsor and/or Exhibitor** at the virtual platform. The opportunity window will be extended to any organization willing to **award the winners of the Conference** with their representation and monetary incentives. For more details, **contact the Organizing Team** or visit **www.forensicevents.com**.

Conference Proceedings

The Conference proceedings would be published over the website of IASR and forensicevents. All submitted abstracts of the delegates would be published in the **eSouvenir of the Conference.**



25th August 2022, Virtual Hall 1

Lie Detection SACH: A Truth

Lie detection in the Judicial System vs Investigate Needs

Resource Person

Amir Liberman
CEO, Inventor, Owner
Nemesysco Ltd.





Phaneendar B. N. CEO Clue4 Evidence Foundation

REGISTRATION

SCHEDULE 10:00 AM to 01:00 PM IST

REGISTRATION FEE
STUDENT-INR 250
PROFESSIONAL-INR 500



25th August 2022, Virtual Hall 1

Resource Person

Open Source Intelligence OSINT

Neil Smith
i3 Consultant & Trainer
UK-osint.net



REGISTRATION

SCHEDULE

02:00 PM to 05:00 PM IST

REGISTRATION FEE
STUDENT-INR 250
PROFESSIONAL-INR 500



25th August 2022, Virtual Hall 2

Resource Person

Medical Certificate by Doctor

Legal & Ethical Issues



Prof. (Dr.) Mukesh Yadav Principal, Govt. Allopathic Medical College, Banda



Prof. (Dr.) Vijay Pal Khanagwal Prof. & HOD, Dept. of Forensic Medicine, Kalpana Chawla Govt. Medical College Karnal



Prof. (Dr.) Akhilesh Pathak
Prof. & HOD, Dept. of Forensic Medicine &
Toxicology, AIIMS, Bhatinda

REGISTRATION

SCHEDULE 10:00 AM to 01:00 PM IST REGISTRATION FEE STUDENT-INR 250 PROFESSIONAL-INR 500



25th August 2022, Virtual Hall 2

Resource Person

Dental Age Estimation in Children and Juveniles:

Prediction of the Attainment of Age Thresholds of Medicolegal Importance

Dr. Sudheer B. Balla

Asst. Prof. & HOD, Dept. of Forensic Odontology Panineeya Institute of Dental Sciences & Research Centre, Hyderabad



REGISTRATION

SCHEDULE 02:00 PM to 05:00 PM IST

REGISTRATION FEE
STUDENT-INR 250
PROFESSIONAL-INR 500



25th August 2022, Virtual Hall 3

Acid Attack Survivors: Social Acceptability

Resource Person



Laxmi Agarwal
Acid Attack Survivor
Founder, The Laxmi Foundation



Prof. (Dr.) Abha Singh Director IILM Center for Emotional Intelligence, IILMU, Gurugram



Co-Founder, The Laxmi Foundation



Rashi Juneja Director & Clinical Psychologist MindEase Pvt. Ltd.

REGISTRATION

SCHEDULE 10:00 AM to 01:00 PM

REGISTRATION FEE
STUDENT-INR 250
PROFESSIONAL-INR 500



25th August 2022, Virtual Hall 3

Silent Witnesses Speak at Crime Scene:

Clue from Scene of Crime

Resource Person







Dr. Vinod Dhingra
Forensic Scientist
RFSL, Gwalior, M.P.

REGISTRATION

SCHEDULE

02:00 PM to 05:00 PM IST

REGISTRATION FEE
STUDENT-INR 250
PROFESSIONAL-INR 500

Conference



Scientific Sessions

26th August 2022



Dr. Henry C. Lee
Emeritus Professor & Vice President
Institute of Forensic Science
University of New Haven, USA



Katherine Mainolfi Koppenhaver Certified Questioned Document Examiner Forensic Document Examiners, Inc., USA



Thomas Mauriello
Senior Lecturer and Forensic Consultant
University of Maryland
Department of Criminology and
Criminal Justice (CCJS), USA



Thomas P. Riley
Riley Forensic Science
Consulting and Training, LLC, USA



M. C. Joshi
Director
CFSL, Hyderabad
DFSS, MHA, Govt. of India, INDIA



Deepa Verma
Director
Forensic Science Laboratory
Government of N.C.T., Delhi, INDIA



Shams Tahir Khan
C.S.I. Anchor/Reporter
T.V. Today Network Ltd., INDIA



Tracy Alexander FKC

DVI Co-ordinator, UK Home Office

Dir. of Forensic Services, City of London Police

President, British Academy of Forensic Sciences, UK



Dr. G. S. Sodhi Associate Professor Forensic Science Unit S.G.T.B. Khalsa College, DU, INDIA

Conference



Scientific Sessions

27th August 2022



Prof. Jason Payne-James
Specialist in Forensic & Legal Medicine
Honorary Clinical Professor, William Harvey
Research Institute (WHRI), London, UK



Dr. Selina Leow
Principal Dental Surgeon, Australia
Deputy Chairperson (Forensic Odontology Subworking Group, INTERPOL DVI Committee)
AUSTRALIA



Prof. Emilio Nuzzolese
Associate Professor
Legal Medicine
University of Turin, ITALY



Sheryl McCollum

Crime Scene Investigator
WGCL-TV/CBS46, USA



Dr. Rashed Alghafri
Forensic Scientist
Dubai Police HQ



Dr. Robert Green ÖBE
Reader in Forensic Science
Chemistry & Forensic Science
University of Kent, UK



Dr. Hemlata Pandey

Asst. Prof. & Odontology Consultant
Dept. of Forensic Medicine
Seth 6S Medical College & K.E.M. Hospital



Prof. Rajinder Singh Chandel Professor & Head Dept. of Forensic Science, PU Patiala, INDIA



Prof. Kewal Krishan Professor, Dept. of Anthropology Panjab University Chandigarh, INDIA



Prof. Mohammad Nasimul Islam Professor, Faculty of Medicine Universiti Teknologi MARA MALAYSIA



Dr. Evi Untoro
Forensic Pathologist
University of Trisakti
INDONESIA

Conference



Scientific Sessions

28th August 2022



Ronald Nichols

Firearm and Toolmark Examiner and Consultant Nichols Forensic Science Consulting Director of Customer Success, Evidence IQ, USA



Dr. Asha Srivastava

Director Central Forensic Science Laboratory CBI, New Delhi, INDIA



Will Dodds

Sergeant
In-Charge of Forensic Unit
Saanich Police Department in Victoria
British Columbia, USA



Steven David Lampley

Author & Director,
Oliphant Institute of Forensics
USA



Keshav Kumar, Ex IPS

Retd. Director General of Police Retd. Director, Anti-Corruption Bureau INDIA



Dr. Ajay Sharma

Director State Forensic Science Laboratory Jaipur, Rajasthan, INDIA



Sanjay Sahay, Ex IPS

Founder & Director
TechConPro Pvt Ltd, INDIA



Dr. Pavan Duggal

Advocate, Supreme Court of India Chairman, International Commission on Cyber Security Law, INDIA



Dr. G. Rajesh Babu

Associate Professor School of Forensic Science NFSU, Gandhinagar, INDIA



Dr. Gaurav Gupta

Additional Director/Scientist 'E'
Ministry of Electronics & Information Technology
Author, Cyber Unsafe, INDIA



Prof. John Walker

Principle, Shadow-Intelligence (Si) Visiting Professor Nottingham Trent University, UK



Know the Team

Organizing Team

Chairman



Dr. Ranjeet Kr. SinghPresident
International Association of
Scientists and Researchers

Chairman



Phaneendar BN
Chairman
Clue4Evidence Foundation

Organizing Secretary



Afreen Tarannum



Kratika Mishra



Arti Varshney



Ruchika Dwivedi



Vanshika



Ashi Yadav



Call for **Paper**

Guidelines for Paper Presentation

PAPER ABSTRACT LAYOUT

- The Paper should be UNIQUE and UNPUBLISHED, offering new perceptions, a new approach, or new knowledge to the body of literature.
- The Abstract should be of a maximum of 300 words followed by a minimum of five keywords and the final manuscript (Note: should not include graphs/tables/images).
- The following information, in the given format, should be included in the Abstract:
- Title of the Abstract
- Name of the Author and co-authors
- Official Designation/Institution Details
- Address and Email id
- The payment confirmation receipts of the author and co-authors should be attached for approval of the abstracts.
- The submitted Abstract with relevant information will be regarded as the final submission considering the author's name, co-authors and their affiliation. Any errors in spelling, grammar or scientific fact will be reproduced as submitted by the author.
- Participant need to email their respective abstracts at iasrabstarct@gmail.com before the deadline.
- Only 10 outstanding Paper abstracts would be approved for presentation (LIVE) at the Conference.
- All submitted abstracts would be published in the eSouvenir of the International Association of Scientists and Researchers, in the format as

SUBMISSION OF PAPER MANUSCRIPT

If the presenter/winner need to publish their manuscript/research work to Academic Journal of Anthropological Studies (ISSN 2581-4966) or Academic Journal of Forensic Sciences (ISSN 2581-4273), submission of manuscript should be done within 10 days of the conference. The citation format for the manuscript to be followed is MLA Citation Format with proper in-text citation (Follow the same from the MLA website).

PRESENTATION OF PAPER

- The Paper has to be presented in Microsoft Office:
 PowerPoint in 16:9 ratio slides in the TEMPLATE
 (10 Slides) as mentioned in the DOWNLOAD section of the website.
- The research work needs to be presented on ten slides having relevant information such as introduction, method and methodology, result and conclusion and references.
- The time limit for the presentation will be 8 minutes, followed by a 2 minutes discussion with video 'ON', mandatorily.
- The Paper should be professional and visually appealing, with a balance of text and graphics (charts, pictures, diagrams).
- The presenter should summarize key points and avoid placing too much information into each slides. The Paper should be devoid of lengthy paragraphs and include short bullets.
- The Paper presentation content should reflect the content of your abstract, and the use of the abstract headings (introduction, objectives, methods or approach, results or practice implications, conclusions) is allowed as a basic template.
- The presenter should consider what information can be appropriately summarized on the slides of Paper presentation and translated into tables, figures, charts or diagrams.

CRITERIA OF EVALUATION

- The evaluation depends upon the following parameters: presentation skills, presented amount of content, topic relevancy, and answers delivered to the panel of jury members.
- In the case of multiple authors, only one author would be allowed to present the Paper.
- All the co-authors need to register themselves separately to receive the participation Certificate as Co-authors.
- The last date to submit your abstract is 15th July 2022 and to register is 20th August 2022.



Call for **Poster**

Guidelines for Poster Presentation

POSTER ABSTRACT LAYOUT

- The Poster should be UNIQUE and UNPUBLISHED, offering new perceptions, a new approach, or new knowledge to the body of literature.
- The Abstract should be of a maximum of 300 words followed by a minimum of keywords. (Note: should not include graphs/tables/images)
- The following information, in the given format, should be included in the Abstract:
- Title of the Abstract
- Name of the Author and co-authors
- Official Designation/Institution Details
- Address and Email id
- The payment confirmation receipts of the author and co-authors should be attached for approval of the abstracts.
- The submitted Abstract with relevant information will be regarded as the final submission considering the author's name, co-authors and their affiliation. Any errors in spelling, grammar or scientific fact will be reproduced as submitted by the author.
- Participant need to email their respective abstracts at iasrabstarct@gmail.com before the deadline.
- Only 10 outstanding Poster abstracts would be approved for presentation (LIVE) at the Conference.
- All submitted abstracts would be published in the eSouvenir of the International Association of Scientists and Researchers, in the format as submitted.

PRESENTATION OF POSTER

- The Poster has to be presented in Microsoft Office: PowerPoint in 16:9 ratio slides in the TEMPLATE as mentioned in the DOWNLOAD section of the website.
- The Poster needs to be made on a single (one) slide having relevant information such as introduction, method and methodology, result and conclusion and references.

- In case of case study as Poster presentation, relevant scientific facts of the case should be highlighted.
- The time limit for the presentation will be 5 minutes, followed by a 2 minutes discussion with video 'ON', mandatorily.
- The Poster should be well laid out, professional and visually appealing, with a balance of text, graphics (charts, pictures, diagrams) and neutral space.
- The presenter should summarize key points and avoid packing too much information into each section. The Poster should be devoid of lengthy paragraphs and include short bullets.
- The Poster content should reflect the content of your abstract, and the use of the abstract headings (introduction, objectives, methods or approach, results or practice implications, conclusions) is allowed as a basic template.
- The presenter should consider what information can be appropriately summarized on the Poster and translated into tables, figures, charts or diagrams.

CRITERIA OF EVALUATION

- The evaluation depends upon the following parameters: presentation skills, presented amount of content, topic relevancy, and answers delivered to the panel of jury members.
- In the case of multiple authors, only one author would be allowed to present the Poster.
- All the co-authors need to register themselves separately to receive the participation Certificate as Co-authors.
- The last date to submit your abstract is 15th July 2022 and to register is 20th August 2022.



Registration Juidelines

STUDENT

₹500

PROFESSIONAL

₹1000

- The participant can register for the Conference from the **website www.forensicevents.com** to gain knowledge from the eminent speakers and present their work at the Conference.
- The link for joining the Conference will be shared with the delegates and the confirmation mail. For any queries and assistance, delegates can contact at +91-9818877002 or iasrforensicconference@gmail.com
- In case of payment of registration fee via **Account Transfer or UPI** (not from website), delegates need to email the proof of payment to iasrforensicconference@gmail.com for confirmation and register yourself as a delegate for the Conference.
- Participants can submit their abstracts to <u>iasrabstract@gmail.com</u> (as per the submission guidelines) along with proof of payment, applicable for both authors and co-authors.
- Any modification in the shared abstracts for presentations will not be accepted after the final submission date (if provided with genuine grounds).
- The confirmation for the presentation of abstract LIVE at the Conference would be given to the delegates as only **10 outstanding** paper and poster abstracts, individually.
- The delegates participating in presentations will receive **Two Certificates** as eCertificate of Participation in the Conference and, subsequently, the second one for presenting in the scientific competitions.
- The Winner (author/presenter) of the Scientific Presentations will receive **Three Certificates**, one as eCertificate of Participation in the eConference, **second** for presenting at the scientific competition, and **third** for winning a Position in the competition. It applies to both the Student and Professional categories.

Bank Details



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