



## Mini Oral Program

Tuesday 21 November 2023

Poster terminal	1	2	3	4	5
<i>Discipline</i>	<i>Biological Criminalistics</i>	<i>Digital Forensic Science / Education / Firearms</i>	<i>Fingerprint Evidence</i>	<i>Anthropology &amp; Archaeology / Firearms (GSR)</i>	<i>Forensic Pathology / FIGG</i>
12:15	Recovery of DNA from drugs: potentially useful, or not worthwhile? <b>Alexandria Bertram</b>	Securing electronic evidence in criminal proceedings <b>Marek Dvořák</b>	Effects of aquatic environments on the detection of fingermarks on paper <b>Amanda Frick</b>	Counting human bone fragments using landmarks: Camposanto case study <b>Ambika Flavel</b>	Dealing with massive number of victims due to fire accident <b>Amir Jameel Hamuod</b>
12:20	Wet Laboratory Workflow for DNA Metabarcoding of Soil and Dust Mock Evidence <b>Teresa M. Tiedge</b>	A large-scale realistic image steganography dataset. <b>Meike Kombrink</b>	Assessing Juvenile to Adult Fingerprint Growth for a Homicide Case <b>Annemarie Nadort</b>	Features of Pathological Conditions, Lesions, and Anomalies (PCLAs) of the Human Skull within a Modern Digital Skeletal Collection <b>Courteney McLean</b>	ANALYSIS OF AUTOPSY PATHOLOGY OF COVID-19 DEATHS EXAMINED AT TEACHING HOSPITAL KARAPITIYA GALLE SRI LANKA: DECEMBER 2020 - AUGUST 2021 <b>Clifford Perera</b>
12:25	Degrading DNA Profiles to a specific level using UV exposure <b>Caitlin Almada</b>	An improved BERT-based method for Android malware detection under imbalanced scenario <b>Shengzhi Qin</b>	MinutIA a model for the analysis of digital traces <b>Daniel Camara</b>	Hyperostosis frontalis interna: clinical and microscopical findings from 93 autopsies <b>Tania Delabarde</b>	Validation and optimization of the diatom L/D ratio as a diagnostic marker for drowning <b>Dominik Hagen</b>
12:30	Modifications to the full demineralisation processes to optimise DNA extraction from bone segments exposed to high temperatures and Western Australian soils <b>Jasmin Zoranjic</b>	The Benefits of teaching Forensic Science Electives at High School <b>Andrew McKenzie</b>	A Case Study Utilising Fingerprint and Photography Techniques for Identification of a ~1 Yearlong Deceased. <b>Mark Anthony Brooks</b>	An application of machine learning to capture the characteristics of organic gunshot residue (OGSR) visualized by hyperspectral imaging (HSI). <b>Kazunari Shibasaki</b>	Forensic age estimation at the University Center of Legal Medicine Lausanne-Geneva: a retrospective study over 12 years <b>Frederique THICOT</b>
12:35	Forensic biogeographical ancestry inference and its application in the Philippines <b>Nelvie Fatima Jane Soliven</b>	Motivation for becoming a crime scene examiner: A longitudinal study of Quebec police recruits <b>Vincent Mousseau</b>	Visualization of overlapping fingermarks by a compact hyperspectral camera in the ultraviolet region <b>Norimitsu Akiba</b>	Determining the recovery efficiency of GSR with the stubbing method for evaluative reporting <b>Koen van der Ham</b>	Practical applicability of postmortem protein degradation for PMI estimation <b>Stefan Pittner</b>
12:40	3D printing in a forensic genetics lab: possibilities and pitfalls <b>Viktor Soma Poor</b>	Time Dependent Effects of Decalcification and Formalin Solutions on 9mm Calibre Fired Bullet Striae <b>Matthew Bolton</b>	Common distortions in latent fingerprints and their impact on expert comparison judgments <b>Rachel Searston</b>	Analysis of Gunshot Residues in Fingerprints and Handprints on Different Surfaces Following Shotgun Discharge <b>Merve Çapacı</b>	Postmortem chemistry - evaluation of direct and delayed analysis with a bench-top instrument <b>Kanar Alkass</b>
12:45	A Simplified System of Analysing Occlusal Tooth Wear <b>Stephen Knott</b>		Forensic science in the Global South: Addressing Brazilian fingerprint experts' challenges <b>Thais Lópes</b>		Forensic Genetic Genealogy (FGG) and CODIS - Better Together? <b>Colleen Fitzpatrick</b>



## Mini Oral Program

Wednesday 22 November 2023

Poster terminal	1	2	3	4	5
<i>Discipline</i>	<i>Fingerprint Evidence</i>	<i>Forensic Pathology</i>	<i>Toxicology</i>	<i>Wildlife Forensics</i>	<i>Biological Criminalistics</i>
12:15	The laboratory perspective - confirming the integrity of fingermark enhancement reagents <b>Richard Wilson</b>	Forensic aspects of Intracranial calcifications in Postmortem Computed Tomography. <b>Karthi Vignesh Raj K</b>	A Metabolomics Approach for the Potential Characterisation of Salivary Fatigue Biomarkers for Roadside Testing by Police <b>Aaron Hamilton</b>	Pangolin DNA Detection: finding pangolin DNA inside transportation containers <b>Amy H.J Chan</b>	An improved rapid method for DNA recovery from cotton swabs. <b>Agnieszka Kuffel</b>
12:20	Investigation into novel water-based fingermark developer gels <b>Kristen Clarke</b>	Hidden Aberrant Coronary Artery Ostium and Sudden Death. <b>Luzern Tan</b>	A case of gloriosa superba poisoning <b>Amal Vadyswinghe</b>	Age estimation of primates by DNA methylation analysis <b>Miho Murayama</b>	Should the NSW police force back the m-vac? An evaluation of wet-vacuum DNA recovery. <b>Annemarie Nadort</b>
12:25	Changing the placement of vacuum metal deposition in the National Forensic Centre fingerprint detection method sequence - can we save time without losing the integrity of the fingerprint? <b>Esther Scott</b>	Suicidal Firearm Death Using Manipulated Blank Gun with Homemade Bullets: Case Report <b>Mohamed Salah abdelkhalek Abdelrahman</b>	Development of a Presumptive Test for the Detection of Illicit Fentanyl and its Analogues <b>Archie Lambrinos</b>	Genetic investigation of turtle scutes from a seizure at the United Kingdom border - a contribution to Shellbank. <b>Catherine Hale</b>	Evaluation of AXO Science's STK Skin for Deployment in Clinical Forensic Medical Practice <b>Soh Wah Yin Veronica</b>
12:30	A low-cost, long-lived phosphorescent powder preparation harnessing white light for fingermark detection <b>Scarlet Hopkins</b>	Incidental Pathological findings in Medico-legal autopsies - Need for evaluation <b>Jayanthi Yadav</b>	A micro-segmental method for the determination of 42 psychoactive substances in a single hair strand: Application in a single dose of zolpidem. <b>Duoqi Xu</b>	ShellBank: A global DNA database and forensic toolkit to trace the illegal marine turtle trade <b>Greta Frankham</b>	Concentration of purified trace DNA extracts using vacuum centrifugation: Does it suck? <b>Catherine Hitchcock</b>
12:35	Modification of Wet UCIO powder suspension for fingermark development on adhesive tapes for use in Seychelles <b>Simon Lewis</b>	Determination of viability of spermatozoa obtained posthumously from dead bodies brought to the mortuary of AIIMS Bhopal with varying post-mortem interval. <b>Mrinal Patnaik</b>	Development of an LC-MSMS method for the determination of 17 mycotoxins in human urine <b>Hui Yan</b>	Building Raptor Forensic DNA databases: Profiling for Protection <b>Lucy Margaret Isobel Webster</b>	Investigating DNA Transfer on Driver Controls in Casework Inspired Scenarios <b>Caroline O'Driscoll</b>
12:40	Preliminary investigations into the ancient pigments Han blue and Han purple as luminescent dusting powders for the detection of latent fingermarks <b>Simon Lewis</b>	Systemic Mineral (Paraffin) Oil Embolism: A Case Report and Review of Literature <b>Rebekah Jacques</b>	Simultaneous determination and postmortem distribution or postmortem redistribution of paraquat and its metabolites in four paraquat poisoning death cases <b>Keming Yun</b>	Use of Drones in the Forensics of the Federal Police of Brazil <b>Harley Angelo de Moraes</b>	Transfer and persistence of human DNA after human-animal interactions <b>Heidi Monkman</b>
12:45	Chemical characterisation of a latent fingermark donor pool by time-of-flight secondary ion mass	An unusual intermediate target in a multiple shooting case <b>Ryan Blumenthal</b>	A suicide case with a lethal dose of antihistamine <b>Sella Takei</b>		Identification of Canine Spermatozoa in Suspected Sexual Assault of Child: A Cautionary 'Tail' <b>Nicole Wyner</b>



## Mini Oral Program

spectrometry <b>Simon Lewis</b>				
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## Mini Oral Program

Thursday 23 November 2023

Poster terminal	1	2	3	4	5
<i>Discipline</i>	<i>Biological Criminalistics / FIGG</i>	<i>Crime Scene Investigation</i>	<i>Humanitarian Forensic Science</i>	<i>Illicit Drugs</i>	<i>Biometrics / Forensic Pathology</i>
12:15	Applicability of DNA profiling in solving Impersonation cases <b>AMANDEEP KAUR BHAMBARA</b>	Water-related fatalities: An examination of body displacement and recovery patterns in British Columbia, Canada. <b>Britny Aileen Martlin</b>	EFFICACY OF MASS BURIALS AS A TOOL OF MANAGING DEAD IN MASS DISASTERS - A RETROSPECTIVE CASE STUDY <b>Clifford Perera</b>	A Validated GC-FID Method for MDA and MDMA Quantification in Seized Ecstasy Samples in Brazil <b>Adriano Otavio Maldaner</b>	Vein Pattern Visualisation: A Biometric Tool for Investigating CSAM Cases <b>Hamid Sharifzadeh</b>
12:20	The Construction of Korean Forensic Microbiome Database (KFMD) for Obtaining Investigation Support Information <b>Hye-Seon Cho</b>	Discrimination of <i>Bidens pilosa</i> var. <i>pilosa</i> from different provenances <b>Hitomi S. Kikkawa</b>	The mystery bone found during recovery of Catalina A24-50, Papua, Indonesia <b>Denise Donlon</b>	Identification of novel precursors. <b>Ananta Bhattarai</b>	The effect of Smoking, Tobacco chewing and various Pathological conditions on Lip prints: A preliminary study <b>Jagmeet Kaur</b>
12:25	Forensic DNA Databases and the Data Privacy Act in the Philippines: A Balancing of Interests <b>Maria Corazon A. De Ungria</b>	Physical evidence contamination and crime scene disturbance considerations for crime scene examiners. <b>Kane Gordon</b>	A TRAGIC CASE STUDY OF DEAF AND DUMB RAPE VICTIM GIRL <b>DR MD MOBIN UL ISLAM</b>	Hydrophobic contaminants in the Lake Geneva basin: Large-scale surveillance and investigation of pollution sources <b>Anushan Kulendran</b>	Passive Visualization Methods for Koala Fingermarks <b>Kiara Ingram</b>
12:30	Loss and relocation of DNA and fingermarks during packaging and transport of forensic exhibits <b>Katharina Draxel</b>	Time-lapse radar and resistivity surveys of simulated clandestine graves <b>Victoria Berezowski</b>	The Advantages of Revision and Updating Interpol DVI Guide on Identifying Missing Person Post Conflict, Post World War II, and Disaster within Humanitarian Forensic Action in Indonesia <b>Dr. Evi Untoro</b>	A New, Rapid GCMS Addition to the NZ Customs/ESR Border Screening Laboratory at Auckland Airport <b>Chrissy Black</b>	Case Report: Gender based violence on a young child <b>Louise Jacqui Friedling</b>
12:35	Insights from a Collaborative Approach to the Implementation of Forensic/Investigative Genetic Genealogy <b>Jennifer Raymond</b>	A Comparative Assessment of Virtual Reconstruction Methods for Indoor Crime Scenes <b>Vincenzo Rinaldi</b>	Title: Medico Legal service in Ethiopia: Present and Future <b>Ibrahim Jibril Adem</b>	Synthetic cannabinoid seizures in New Zealand over the last five years. <b>Geraldine Powell</b>	Application of Integrated Medicolegal Procedures for Child Sodomy Cases at the Integrated Crisis Center Cipto Mangunkusumo National Hospital, Jakarta Case Report: A Perpretrator of Sodomy with A Group of Child Victims <b>Yudy Yudy</b>
12:40	Present state on the use of investigative genetic genealogy in criminal cases - a Swedish perspective <b>Ricky Ansell</b>	Digital Panoramic Imaging to Improve Documentation and Off-Site Analysis of Bloodstain Patterns <b>Emma Bonaccordo</b>	The Role of Indigenous People in the Recovery of Australian Soldiers Missing in Action <b>Russell Clifford Lain</b>	Methamphetamine Contamination: Synthesis or Smoking? <b>Jacob Dobbs</b>	Bitten: Three fatal deaths by animal bites <b>Louise Jacqui Friedling</b>



## Mini Oral Program

12:45		No trace to waste: improving the selection of most relevant DNA traces and fingermarks within home environments <b>Yoram Goedhart</b>	A bibliometric analysis of research trends for missing persons globally and in East Asia <b>Yehui Lv</b>		Digital Forensic in the Field - Where do I plug my writeblocker? <b>Adrien Vincart</b>
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## Mini Oral Program

Friday 24 November 2023

Poster terminal	1	2	3	4	5
<i>Discipline</i>	<i>Chemical Criminalistics</i>	<i>Management &amp; Quality Assurance</i>	<i>Forensic Taphonomy / Odontology</i>	<i>Biological Criminalistics</i>	<i>Biological Criminalistics / Military Forensic Science</i>
12:15	Unleashing the full potential of forensic chemistry <b>Marcel de Puit</b>	Advancing quality through cooperation: the first five years of the Australia and New Zealand Quality Specialist Advisory Group <b>Anna Heavey</b>	Active vs. passive collection of volatiles in mass disasters <b>Bridget Thurn</b>	Smart PCR leading to improved DNA profiles <b>Caitlin McDonald</b>	A NOVEL METHOD FOR BLOOD DETECTION USING FLUORESCENT DYE <b>Kamayani Vajpayee</b>
12:20	A forensic market survey of Indonesian cosmetics using ATR-FTIR and chemometrics <b>Asefin Nurul Ikhtiarini</b>	Identification and assessment of cognitive competences in forensic science <b>Alastair Ross</b>	Fluvial taphonomy and museum skeletal collections: a promising association. <b>Edda Guareschi</b>	How to Excel at mtDNA sequence analysis: A bioinformatic pipeline for the analysis of mtDNA whole genome sequence data generated using MPS <b>Felicity Poulsen</b>	Assessing eDNA capture method to optimise recovery of human DNA from an aquatic environment. <b>Marie Antony Dass</b>
12:25	Trace evidence examination of Lipstick stains via FTIR spectroscopy and Chemometric Methods <b>Vishal Sharma</b>	BDNA   forensic-register - Building a national capability through innovation, consultation and experience. <b>Rechelle Cook</b>	A Comparative Study of Time Since Death in Cases of Andaman & Nicobar Islands with the Reference Data: Why a Body Farm is Needed in India <b>YOGESH KUMAR</b>	VALIDATION OF THE YFILER PLUS SYSTEM USING ALTERNATIVE CAPILLARY ELECTROPHORESIS PARAMETERS AND SOFTWARE <b>Jasmine Connell</b>	An Indian perspective of implications of inconclusive DNA reports of Biological Samples on the final outcome of the trial <b>Kamayani Vajpayee</b>
12:30	From the home environment to the scene: Interpreting findings of fiber analysis in potentially complex transfer scenarios <b>Yu Chen Lim</b>	START AT THE BEGINNING - HOW THE RECEIPT UNIT HAS CONTRIBUTED TO IMPROVED WORKFLOW AND OUTCOMES ACROSS FASS <b>Jasmin Glover</b>	Succession study on forensically important beetles on carcasses aids in determining the PMI <b>Jasvinder Kumar</b>	Prospective Proteomics Analysis for Phenotypic Characterization of Donors <b>Marcel de Puit</b>	Application of gamma imaging to characterise radiological and nuclear events <b>Alison Flynn</b>
12:35	Textile fibres in water submersion scenarios - microspectrophotometry for source-level attribution <b>Matthew Saunders</b>	From Pen to Pixel: Journey towards a Paperless Laboratory <b>Lee Yan Kai</b>	The Origin of Legal Forensic Odontology <b>Stephen Knott</b>	Age Estimation from Blood Samples based on DNA Methylation Using Multiplex droplet digital PCR <b>Rita Fakhr</b>	How to investigate in a radiological/nuclear contaminated site? <b>Izabella Kakuja</b>
12:40	Evaluation of spectroscopic techniques as an additional dimension to forensic ink examination <b>Georgina Sauzier</b>	Traversing the US immigration process as a forensic pathologist <b>Mario Rascon</b>	This little piggy ate the evidence. What happens if a human body is fed to pigs? Odontological Assessment. Part IV <b>Russell Clifford Lain</b>	Decoding the Future: Development of a 2D Barcoded Tube Workflow for Improved Efficiency, Storage and Quality of DNA Extracts <b>Sharonne Rampant</b>	The Trace Transfer Analysis at Activity Level Database (BDATT-TTADB), 6 years later <b>Frank CRISPINO</b>
12:45	'Pointing Out' the need for change: a proactive approach targeting knife	Internal validation of forensic DNA analysis methods and instruments <b>Christina Forsberg</b>		Individual Identification from mixed-blood spots by using 4 cells with	



## Mini Oral Program

crime <b>Leisa Nichols</b>		single-cell genomic analysis <b>Shunsuke Yamada</b>	
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