

Detailed Program

DNA Workgroup

DNAWG Program (Conference Hall 1)

Date	19 September (DNAWG scientific sessions)		
Time	Title	Speaker	Organization
0900 - 0920	Opening	Chair, DNAWG	Health Sciences Authority, Singapore
0920 - 1000	Keynote - Routine DNA analysis of challenging casework samples	Dr Hao Jinping	Institute of Forensic Science, China
1000 - 1030	TEABREAK		
1030 - 1050	Disaster Victim Identification (DVI) operation on Lion Air flight JT 610 crashed at Java Sea - Indonesia	Putut Tjahjo Widodo	INP Medicine and Health Services, Indonesia
1050 - 1110	Reduced Volume for Direct PCR Amplification of Buccal Reference Samples on Bode Technology Buccal DNA Collector using GlobalFiler Express Assay	Siti Affifah	Royal Malaysia Police, Malaysia
1110 - 1200	6th AFSN Inter-Laboratory DNA Exercise	Tan Wei Jie	Health Sciences Authority, Singapore
1200 - 1330	LUNCH		
1330 - 1420	Challenging sample analysis by massively parallel sequencing including a multi-site evaluation of a beta mitochondrial control region solution	John Walsh	Verogen
1420 - 1440	Sequence variation of 27 autosomal and 24 Y-chromosomal STR loci in a Filipino population	Jazelyn Salvador	University of the Philippines

1440 - 1500	DNA forensics in action - fire razes religious school; 23 died in the blaze	Zulhilmi	Department of Chemistry, Malaysia
1500 - 1530	TEABREAK		
1530 - 1550	Evaluation of Insertion/Deletion polymorphisms (INDELs) applied to forensic casework in Malaysia	Dr Nur Haliza	Department of Chemistry, Malaysia
1550 - 1610	Calcium channel gene (CACNA1C) mutation In sudden unexplained death of Thai adult	Jittiput Thitinilnithi	Central Institute of Forensic Science
1610 - 1630	The role of DNA to uncover homicide case with no witness	Vira Saamia	Center Forensic Laboratory of Indonesia National Police, Indonesia
1700 - 1800	BUSINESS MEETING (FOR MEMBERS ONLY)		
1830 - 2000	CONFERENCE DINNER (All WGs)		

Date	20 September (DNAWG scientific sessions)		
Time	Title	Speaker	Organization
0900 - 0920	Age estimation for trace samples using omics data and multiple machine learning models	Chen Fang	Beijing Centre for Physical and Chemical Analysis, China
0920 - 0940	Age prediction of saliva by DNA methylation analysis using Droplet Digital PCR	Si Keun Lim	Korea
0940 - 1000	Methylation-based forensic-age prediction assay for bloodstains using pyrosequencing and random forest regression	Zhiyong Liu	Shanxi Medical University, China
1000 - 1030	TEABREAK		

1030 - 1050	Internal evaluation of Maxwell® DNA IQ™ kits at Department of Chemistry Malaysia	Nor Aidora	Department of Chemistry, Malaysia
1050 - 1110	Isolation of purified DNA using Bone DNA Extraction kit	Jessi Sim	Promega
1110 - 1130	A comparison of extraction methods for urine sample	Mohd Firdaus	Department of Chemistry, Malaysia
1130 - 1140	Closing of DNAWG Chair, DNAWG		
1200	CLOSING CEREMONY (Conference Hall 1)		

Posters Session		
No.	Title	Authors
1	Estimating Mutation Rate of 27 Low and 16 Fast Mutant Y-STRs with One 200 Years Deep Rooting Pedigree	Man Chen ^{2,3} , Zhiyong Liu ^{2,3} , Feng Cheng ¹ , Qingwei Fan ¹ , Xu Liu ⁴ , Chen Fang ⁴ , Mengchun Wang ¹ , Jiangwei Yan
2	Combined DNA with video technology to solve theft cases quicker	Wang Qin, Li Youying
3	The Effect of Storage Time and Anti-Coagulant Agent on DNA Analysis from Urine Samples	Vira Saamia, I Made Wiranatha, Dwi Ana Oktaviani, Setia Betaria Aritonang, Irfan Rofik, Muhammad Fajhar Sandwinata, Andi Firdaus
4	A review of sibship determination by likelihood ratio (LR)	Xin Yi Chan; Siti Hajar Hussin; Padilah Yahya
5	Evaluation of ZyGEM Rapid DNA Extraction as a new approach to rapid DNA extraction	Wan Zalina Wan Faizal, Nurul Hamizai Abdul Hamid, Muhamad Sufiyan Azah, Mohd Shafiq Zulkarnain, Nazatul Aida

		binti Azizan, Nor Aidora Saedon
6	Application of heptane for removal of adhesives	Ming Xue WEE*, Rachel Nen Huang KOH, Guo Wei KUA and Christopher Kiu Choong SYN
7	Improved DNA profile quality obtained from direct PCR amplification using microFLOQ™ Direct swabs with Globalfiler™ PCR amplification kit on mock saliva articles	Wai Yin Kevin CHONG, Boon Kiat NG, Yongxun Wong, Holden Wei Siong LIM, Afiqah Razanah ROSLI, Jacquelyn TAY, Baoqiang HENG, Eileen Hui Qi NG, Wilson Lim, Christopher SYN
8	Analysis of Y-chromosomal haplotype diversity in Singapore	Ng Jia Hao*, Cheang Qing Wei, Sarah Samynathan, Nurul Zukri, Christopher Kiu Choong Syn
9	Room temperature storage of tissue samples (bovine) in readily available media during mass fatality incidents	Guo Wei KUA, Xavier Liang Shun CHAN, Shumei LAI*, Ming Xue WEE, Holden Wei Xiong LIM and Christopher Kiu Choong SYN
10	M-Vac: An innovative tool for DNA collection	Ang Jiatian*, Denise Li Yi Ng, Tan Jiayu, Christopher Kiu Choong Syn
11	Improved aSTR typing of degraded femur samples using demineralization buffer and DNA-IQ™	Bea G. Gallardo, Dame Loveliness Apaga, Maria Corazon A. De Ungria and Gayvelline C. Calacal
12	Ancestry informative SNPs study of a Filipino population	Nelvie Fatima Jane A. Soliven ¹ , Dame Loveliness T. Apaga ^{1,2} , Jazelyn M. Salvador ^{1,2} , Sheila Marie E. Dennis ^{1,2,3} , Gayvelline C. Calacal ^{1,2} , and Maria Corazon A. De Ungria ^{1,2}

13	A 10-year overview of forensic DNA typing services by the DNA Analysis Laboratory, Natural Sciences Research Institute, University of the Philippines Diliman	Sagum, M.S., Calacal, G.C., Gallardo, B.G., Salvador, J.M., Dalet, M.R.M., Sales, P.R.L., Soliven, N.F.J.A., and De Ungria, M.C.A.
14	Evaluation of the MiSeq FGx™ Forensic Genomics System for the analysis of reference and forensic-type samples	Paul Ryan L. Sales ¹ , Nelvie Fatima Jane A. Soliven ¹ , Gayvelline C. Calacal ¹ , Jazelyn M. Salvador ¹ , Jo-Hannah S. Llames ² , Frederick C. Delfin ¹ , Ma. Anita M. Bautista ² and Maria Corazon A. De Ungria ¹
15	Massively parallel sequencing of degraded human bone samples using MiSeq FGx™ System	Gayvelline C. Calacal ^{1,2} , Dame Loveliness T. Apaga ^{1,2} , Jazelyn M. Salvador ^{1,2} , Sheila Estacio Dennis ^{1,2,3} and Maria Corazon A. De Ungria ^{1,2}
16	X-STR and Y-STR DNA analysis in deficiency paternity and kinship cases.	Dalet, M.R.M., Salvador, J.M., Sagum, M.S., Sales, P.R.L., Soliven, N.F.J.A., Gallardo, B.G., De Ungria, M.C.A. and Calacal, G.C.
17	Case Study: Male amelogenin dropout.	Pol.Lt.Col. Jittima Lertchaiporn, Pol.Lt.Col. Hathaichanoke Boonyarit
18	Quality assessment of library from Forenseq DNA signature prep kit (Illumina) prior to success of the sequencing	T. Sathirapatya ¹ , P. Sukawutthiya ¹ , W. Worrakitirungsi ¹ , R. Pitiwararom ¹ , H. Noh ¹ and K. Vongpaisarnsin ^{1,2}
19	Human whole mitochondrial DNA sequencing from postmortem blood sample using massively parallel sequencing	R. Pitiwararom *, T. Sathirapatya *, H. Noh *, W. Worrakitirungsi *, P. Sukawutthiya *, K. Vongpaisarnsin *, **

20	Y-chromosomal haplogroup determination using Y SNPs in Thai population	K. Rasmeepaisarn ¹ , H. Noh ¹ , P. Varrathyarom ¹ and K. Vongpaisarnsin ¹
21	Successfully solved cases that the forensic DNA experts of the Supreme Prosecutors' Office support the crime scene investigation	Taehee Um
22	Genetic characteristics of 23 Y-chromosomal STRs in the Kinh population in Northern Vietnam	Hao Huu Ha
23	Application of ddPCR technology to evaluate the optimal method that can obtain a full Y-STR profile	Binh NNH, Khoi NT, Trang NT, Huong NTL, Tuan ĐMA , Kim ĐNT, Hieu PV
24	Automated Advances in Forensic mtDNA Workflows Using Massively Parallel Sequencing Applications	Kevin W.P. Miller, Ph.D., Alexa M. Rosenberg, M.S., and John P. Walsh, M.B.A.
25	Automated, Hands-Free Genomic DNA Processing Using Massively Parallel Sequencing Workflows	Miller, K.W.P., Pares, R., Walsh, J.P., Wong, K.R.P., Kim, K.E., Didier, M.M., and Stephens, K.M.
26	Complete Automation Workflows for Forensic DNA Extraction and Analysis	Ann MacPhetridge ¹ , Anupama Gopalakrishnan ¹ , Christine Newton ¹ , Luke Roenneburg ¹ , and Cristopher Cowan ¹
27	DEVELOPMENT OF INVESTIGATOR 26PLEX QS, A NEW MULTIPLEX PCR KIT FOR GLOBAL STR ANALYSIS	M. Vraneš, M. König, S. Cornelius, A. Kohns , M. Scherer, R. Peist, A. Prochnow and K. Elliott

Crime Scene Investigation Workgroup

CSIWG Program (Conference Hall 2)

Date	19 September 2019		
Time	Title	Speaker	Organisation
08:30 – 10:00	Bloodstain pattern analysis	Dr Michael Taylor	Institute of Environmental Science and Research (ESR), Christchurch, New Zealand
10:00 – 10:30	Tea Break		
10:30 – 12:00	Bloodstain pattern analysis	Dr Michael Taylor	Institute of Environmental Science and Research (ESR), Christchurch, New Zealand
12:00 – 13:30	Lunch		
13:30 – 14:00	Double barrel under the microscope	Meilani Joy Ordono	Philippines National Police Crime Laboratory
14:00 – 14:30	Detection of diatoms in human tissues: a new approach	Surender Kumar Pal	Directorate of Forensics Services, Himachal Pradesh, India
14:30 – 15:00	"Bite mark" lead to the truth, a murder case of Ah Tim	Charun Ai Ben	Royal Malaysian Police
15:00 – 15:30	Tea Break		
15:30 – 16:00	The Mystery of a Fatal Fire and Explosion Incident: A Fire Case Sharing from Hong Kong	Yiu Ming Cheung	Government Laboratory, Hong Kong Special Administrative Region

16:00 – 16:30	A lossless scanning imaging method for getting the footprints of crime scene	Maoluan Ding	Institute of Forensic Science, Ministry of Public Security, P.R. China
16:30 – 17:00	When Cold Case Became Hot	Ruben M. Apostol Jr	Philippines National Police Crime Laboratory
17:00 – 18:30	Workgroup Business Meeting		
18:30 – 20:00	Conference Dinner (All WGs)		

Date	20 September 2019		
Time	Title	Speaker	Organisation
08:30 – 09:00	Analysis Technique of The Cracks on Coated Metal Surface for Fire Origin	Lee, Seung Hun	Korean National Police Agency
09:00 – 09:30	Practical aspects of sequencing events in Crime Scene Reconstruction	Louis Koh	Health Sciences Authority, Singapore
09:30 – 10:00	The Overview of Crime Scene Investigation work of a Typical Local Public Security Bureau in China	Huangzhang Fu	Dezhou Public Security Bureau, P.R. China
10:00 – 10:30	Tea Break		
10:30 – 12:00	Bring a Case Session	All participants	
12:00 - 12:30	Closing Ceremony (Conference Hall 1)		

Poster sessions

Title	Author(s)	Organisation(s)
Study on the Terminal Ballistics Effects of 7.62mm Firearms	Lu Wang, Hanxin Zhang, Limei Zhang	Criminal Investigation Police University Of China
Facial Recognition	Nur Fairuz Idris, Latifah Abdul Aziz	Royal Malaysia Police
The measured sodium and potassium's quantities in vitreous humour and synovial fluid in order to estimation the post-mortem interval	Venussarin Chaisarn, Patchara Sinloymaa, Sarawut Kumphunec	Central Institute of Forensic Science, Thailand
Design and Fabrication of an Underwater Visualization Rescue-rope	Seo Bong Won	Korean National Police Agency
Identification pattern of firearm in Forensic Science Laboratory	Sanjeev Kumar, N.S. Patial, Arun Sharma	State Forensic Science Laboratory; Directorate of Forensics Services; Himachal Pradesh, Shimla Hills, Junga, India

Digital Forensic Workgroup

DFWG Program (Lotus Hall 4)

Date	THURSDAY, SEPTEMBER 19 th , 2019		
Time	Title	Speaker	Organization
8:30-12:00	Scientific Session Day 1 (AM)		
8:30-8:40	Welcome	Chair(DFWG)	Institute of Forensic Science, Ministry of Public Security, China
8:40-09:50	Global Guidelines For Digital Forensics Laboratories	Dr Fernandez Larzaró Fernando	INTERPOL Digital Forensic Laboratory, INTERPOL Global Complex for Innovation, Singapore
09:50-10:20	Tea Break		
10:20-11:50	Cellphone Forensics—problems and practices	SUN YI	Xiamen Meiya Pico Information Company Limited, China
11:50-12:00	Take Photo		
12:00-13:30	Lunch		
13:30-17:00	Scientific Session Day 1 (PM)		
13:30-14:50	The Development & Challenge of digital forensics lab	Gan Xiaoyong	Xiamen Meiya Pico Information Company Limited, China
14:50-15:20	Tea Break		
15:20-16:40	Mobile Forensics	Li Yi	Qianxin's Panguite Forensics Division, China

16:40-17:05	Determination of Vehicle Speeds from Video Recordings by CCTV and Vehicle On-board Cameras	TAM Cheok-ning,	Hong-Kong-gov-lab
17:05-18:30	Workgroup Business Meeting		
18:30 - 20:00	Conference Dinner (All WGs)		

Date	FRIDAY, SEPTEMBER 20th, 2019		
Time	Title	Speaker	Organization
8:30-12:00	Scientific Session Day 2 (AM)		
8:30-8:55	Verification of Accident Vehicle Speed Measurement using Retake and Re-encoding Video	Dr Nam In Park	National Forensic Service, Korea (South)
8:55-9:20	Case study: Android Zeus Malware Targeting Malaysian Internet Banking User	Mohd Zabri Adil bin Talib	CyberSecurity Malaysia, Ministry of Science Technology and Innovation, Malaysia
9:20-9:45	Adopting the new paradigm of likelihood based approach to forensic speaker identification: A case study	Dr Rajesh Verma	Regional Forensic Science Laboratory, Mandi, India.
9:45-10:15	Tea Break		

10:15-10:40	CamMuka: The R&D Journey of Biometric Facial Recognition System in Video Forensics Analysis	Mohamad Firham Efendy & ASP Latifah Abdul Aziz	Digital Forensics Department CyberSecurity Malaysia & CyberSecurity Malaysia
10:40-11:05	Forensic Challenges in Analysis of Smart Phone Devices and Ethical Issues	Meenakshi Mahajan ¹ Rajat Choudhary ² and Ashmit Sharma ³	Deputy Director, Regional Forensic Science Laboratory, Northern Range, Dharamshala, Himachal Pradesh, India.
11:05-11:30	Malware Forensic Analytics System	Dr Aswami Ariffin	Cyber Security Proactive Services Division, CyberSecurity Malaysia
11:30-11:55	Android Malware Classification Using Machine Learning On Image Pattern	Fauzi Mohd Darus	CyberSecurity Malaysia
12:00-12:30	Closing Ceremony (Conference Hall 1)		

Illicit Drugs Workgroup

IDWG Program (Lotus Hall 2)

Thursday (19 September 2019)			
Time	Title	Speaker	Organisation
08:30 – 08:35	Welcome	IDWG Chairman	
08:35 – 09:00	The UNODC International Collaborative Exercises – Focus On Asia	Dr. Justice Tetty	UNODC
09:00 – 09:30	SWGDRUG Updates	Dr. Angeline Yap	Health Sciences Authority, Singapore
09:30 – 10:00	Countries Update (China, Indonesia, Korea)	Respective Country Representative	
10:00 – 10:30	Tea Break / Group Photo		
10:30 – 12:00	Workshop on Sampling	Mr. Tamas Csesztregi	Hungarian Institute for Forensic Sciences, Hungary
12:00 – 13:30	Lunch		
13:30 – 13:45	Workshop on Sampling	Mr. Tamas Csesztregi	Hungarian Institute for Forensic Sciences, Hungary
13:45 – 15:00	Workshop on Sampling	Mr. Tamas Csesztregi	Hungarian Institute for Forensic Sciences, Hungary
15:00 – 15:30	Tea Break		
15:30 – 17:30	Workshop on Sampling	Mr. Tamas Csesztregi	Hungarian Institute for Forensic Sciences, Hungary
17:00 – 18:30	BUSINESS MEETING (FOR MEMBERS ONLY)		

18:30 – 20:00	CONFERENCE DINNER (All WGs)
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Friday (20 September 2019)			
Time	Title	Speaker	Organisation
08:30 – 09:00	Drug Profiling in Asia Pacific – Current and Future Capabilities	Dr. Adrian De Grazia	Australian Federal Police
09:00 – 09:30	NPS Drug Situation in Europe – Challenges faced by drugs testing laboratory	Mr. Tamas Csesztregi	Hungarian Institute for Forensic Sciences, Hungary
09:30 – 10:00	Countries Update (Thailand, Malaysia, Philippines)	Respective Country Representative	
10:00 – 10:20	Tea Break		
10:20 – 10:35	A new strategy for the identification of NPS in intractable seized samples	Ms. Zheng Hui	Institute of Forensic Science, China
10:35 – 10:50	Identification of New Psychoactive Substances Using Gas Chromatography- Fourier Transform InfraRed (GC-FTIR)	Dr. Vanitha Kunalan	Department of Chemistry, Malaysia
10:50 – 11:05	An Automated Sample Preparation System for the Qualitative Analysis of Commonly Encountered Illicit Drugs Exhibits	Ms. Jesslyn Su Yun Oh and Ms. Ho Yanqing Joanne	Health Sciences Authority, Singapore
11:05 – 11:20	Gravimetric Sample Preparation for Quantitative Analysis	Ms. Ong Hui Zhen,	Health Sciences Authority, Singapore

11:20 – 11:35	Problems and Challenges faced by a drug laboratory	Mr. Wong Yong Shiang,	Department of Chemistry, Malaysia
11:35 – 11:45	Closing	IDWG Vice-Chairman	
12:00 – 12:30	Closing Ceremony (Conference Hall 1)		

Poster			
No.	Title	Speaker	Organisation
1	Hemp as a new agricultural commodity in Thailand: From researches to regulation.	Prapatsorn Tipparat*, Surapol Natakankitkul, Pipop Chamnivikaipong, Saraita Pinmanee, Weerapun Kunkaew, Pilin Puwanai	Department of Medical Sciences, Thailand
2	Role of National Forensic Service for the scene investigation of clandestine labs found in Korea	Jaesin Lee*, Seungkyung Baeck, Ilung Seol, Meejung Park, Sanghwan In, Eunmi Kim	National of Forensic Science, Korea
3	Impurity Profiling of Methamphetamine Crystals Seized From the Clandestine Laboratory in Kalideres, West Jakarta, Indonesia	Pratomo Sodiq*, Yuswardi, Hernanto Dwi, Adam Abdillah, Rahmad	Narcotics Department of Center Forensic Laboratory of Indonesia National Police, Indonesia
4	Prediction of synthetic method related impurity using non-negative matrix factorization in methamphetamine impurity profiling	Beom Jun Ko*, Dong Won Shin, Jae Chul Cheong, and Jin Young Kim	Forensic Genetics & Chemistry Division, Supreme Prosecutors' Office, Korea

Toxicology Workgroup

TXWG Program (Lotus Hall 3)

Date	19 September 2019		
Time	Title	Speaker	Organization
08:30 – 08:35	Welcome	Dr Yao Yi Ju Chair (TXWG)	Health Sciences Authority Singapore
08:35 – 09:20	Lecture 1: Analytical strategies and reporting of results at the Institute of Forensic Medicine	Dr Frank Peters	Institute of Forensic Medicine, University Hospital Jena, Germany
09:20 – 10:00	Lecture 2: Method validation (Part 1)	Dr Frank Peters	Institute of Forensic Medicine, University Hospital Jena, Germany
10:00 – 10:30	Tea Break		
10:40 – 11:50	Lecture 2: Method validation (Part 2)	Dr Frank Peters	Institute of Forensic Medicine, University Hospital Jena, Germany
11:50 – 12:00	TXWG Group Photo taking		
12:00 – 13:30	Lunch		
13:30 – 14:10	Lecture 3: Unusual poisoning	Dr Frank Peters	Institute of Forensic Medicine, University Hospital Jena, Germany
14:10 – 14:30	The UNODC International Collaborative Exercises – Focus on Asia	Dr Justice Tetty	United Nations Office on Drugs and Crime, Austria
14:30 – 15:00	Member Sharing - Technology updates and issues	Members	

15:00 – 15:30	Tea Break		
15:30 – 16:00	Member Sharing - Technology updates and issues	Members	
16:00 – 17:00	TXWG Business meeting	Members	
17:00 – 18:30	BUSINESS MEETING (FOR MEMBERS ONLY)		
18:30 – 20:00	CONFERENCE DINNER (All WGs)		

Date	20 September 2019		
Time	Title	Speaker	Organization
9:00 – 9:20	Bland-Altman statistical analysis and mean concentration ratio for the determination of amphetamine-type stimulants-related drugs in dried blood stain (DBS) versus whole blood sample (WBS) by LC-MS/MS - application to forensic toxicology cases in Malaysia	Fathiah A. Zubaidi,	Department of Chemistry Malaysia
9:20 – 9:40	Case Report: Methanol intoxication as a cause of backpacker's death	Yudy, Alim DP, Cipto Mangunkusumo	National Hospital, Indonesia
9:40 – 10:00	Multi-drug analysis in pulverized hair using GC-MS/MS	HuiFen Hannah Zhang	Health Sciences Authority, Singapore
10:00 - 10:30	Tea Break		
10:30 – 10:50	Death involving Pong Pong seed (<i>Cerbera odollam</i>)	Yao Yi Ju	Health Sciences Authority, Singapore
10:50 – 11:20	LC-MS in Forensic Toxicology with High Resolution Accurate Mass Spectrometry – Achieve Higher Efficiency and Confidence in Results with Ease	Deb Bhattacharyya	ThermoFisher Scientific, USA

12:00 - 12:30	Closing Ceremony (Conference Hall 1)
12:30 - 14:00	Lunch
14:00 - 16:30	AFSN Annual General Meeting

Trace Evidence Workgroup

TEWG (Lotus Hall 1)

DATE	19 September 19 (Thursday)		
	TEWG Workshop: Evaluating Trace Evidence – Challenges & Opportunities		
Time	Title	Speaker	Organisation
08:30 – 08:40	Welcome Address	Chairperson	
08:40 – 10:00	Challenges and Opportunities in Chemical Criminalistics (Including Trace Evidence)	Professor Claude Roux	Director, Centre for Forensic Science, University of Technology Sydney
10:00 – 10:30	Tea Break		
10:30 – 12:00	Evaluative Reporting for Trace Evidence (Part 1)	Professor Claude Roux	Director, Centre for Forensic Science, University of Technology Sydney
12:00 – 13:30	Lunch		
13:30 – 15:00	Evaluative Reporting for Trace Evidence (Part 2) Which Data? - How R&D Work Can Support Evaluative Reporting?	Professor Claude Roux	Director, Centre for Forensic Science, University of Technology Sydney
15:00 – 15:30	Tea Break		
15:30 – 17:00	Forensic Intelligence: Reshaping Forensic Science? Where to from Here?	Professor Claude Roux	Director, Centre for Forensic Science, University of Technology Sydney
17:00 – 18:30	TEWG Workgroup Business Meeting	Members of TEWG	
18:30 – 20:00	Conference Dinner (All WGs)		

DATE	20 September 19 (Friday)		
	Scientific session – Oral presentation:		
Time	Title	Speaker	Organisation

08:30 – 08:50	The Population of Textile Fibres on Parapets of High-Rise Housing in Singapore	Vanessa Eng	Health Sciences Authority, Singapore
08:50 – 09:10	Machine Learning and Classification of Ignitable Liquid Residues can be applied to classification of ignitable liquid residues from fire-debris	Dongkye Lee	Department of Forensic Chemistry, National Forensic Service, Korea
09:10 – 09:30	Review of the methods on a fiber detachment from adhesive tapes	Tae-myung Sung	Criminal Investigation Command, Ministry of National Defense, Republic of Korea
09:30 – 10:00	Determination of Ammonium Nitrate Based Explosives: A Case Study in Southern Thailand	Srikul Kantajai	Central Institute of Forensic Science, Thailand
10:00 – 10:30	Tea Break		
10:30 – 11:00	TEWG's Fibre Collaborative Exercise 2019	Vanessa Eng	Health Sciences Authority, Singapore
11:00 – 12:00	Bring a Case Session	All participants	
12:00 - 12:30	Closing Ceremony (Conference Hall 1)		

Poster session			
No	Title	Authors	Organisation
1	A Rapid Method for Detecting Urine in Liquids and Stains on Fabrics Using High Resolution Mass Spectrometer	Zhen Han, Mong and Matthew Ong Jiacheng	Health Sciences Authority, Singapore

2	Forensic Comparison of Coal Samples Using Chemical Methods and X-ray Fluorescence (EDXRF).	Neeti Prakash Dubey	Directorate of Forensic Services, Himachal Pradesh, India
3	Optimisation of Automated Gunshot Residue Analysis Time Using Field Emission Scanning Electron Microscope with Energy Dispersive X-ray Spectrometer	Yuling, Ding	Health Sciences Authority, Singapore
4	Review of the Detection Methods of ANFO Fuel	Tae-myung Sung and Ju-iK Cho	Criminal Investigation Command, Ministry of National Defense, Republic of Korea
5	Study on the Interference of Polyvinyl Chloride's Combustion Products on Identification of Gasoline Residues	Zhenwen Sun, Guannan Zhang, Zhanfang Liu, Ting Qiao, Jun Zhu	Institute of Forensic Science, Ministry of Public Security, China

Questioned Documents Workgroup

QDWG Program (Conference Hall 3B)

DATE	September 19 th , 2019	
Time	Speaker	Title
08:30 - 10:00	Rolf Fauser	Non-destructive examination of printing
10:00 - 10:30	Tea Break	
10:30 - 11:40	Rolf Fauser	Introduction of ENFSI/EDEWG and European practice and protocol in document examination
11:40 - 12:00	Justice Tettey	Ensuring continuous professional development in fraudulent document examination
12:00 - 13:30	Lunch	
13:30 - 13:50	Nellie CHENG	A balance and transparent framework for handwriting and signatures examination to reduce subjectivity
13:50 - 14:10	Nellie CHENG	Examination of handwriting and signatures in English, Chinese and Romanized Malay in Singapore
14:10 - 14:30	Da Qin	The Preliminary Research of Depth of Chinese Signature Handwriting Indentation
14:30 - 14:50	Siti Nur Musliha Bt. Mohamad Noor	Questioned Documents In Malaysia:Trends & Challenges
14:50 - 15:10	Tea Break	
15:10 - 15:40	Meenakshi Mahajan	Devanagari Script and its Forensic Examination
15:40 - 16:00	Visheshwar Sharma	Examination of Digital Manipulated Document: A Case Study
16:20 - 17:00	Poster	
17:00 - 18:30	Workgroup Business Meeting	

18:30 - 20:00	Conference Dinner (All WGs)
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DATE	September 20 th , 2019
08:30 - 10:00	Workshop: Handwriting Examination of Different Language: Theory, Method, and Typical Case Discussion
10:00 - 10:30	Tea Break
10:30 - 12:00	Workshop: Handwriting Examination of Different Language: Theory, Method, and Typical Case Discussion
12:00 - 12:30	Closing Ceremony (Conference Hall 1)

Fingerprint Workgroup

FPWG Program (Conference Hall 3A)

Date	Day 1, Sept. 19th		
Time	Title	Authors	Institution
08:30 – 09:15	The Brief Introduction of AFIS in China	Rongliang MA, Huan LIU	Institute of Forensic Science, Ministry of Public Security
09:15 – 10:00	Study about Separation Technique of Latent Fingerprint from Complex Background Patterns Such as Polimer, Banknote, Counterfeit Paper Money and Passport (Focusing on VMD Infrared Reflection, DCS-5 UV-Reflection & Infrared Flourescence)	Choon-Soo Park	The 1st Team, Department of Scientific Investigation, Seoul Metropolitan Police Agency
10:00 – 10:30	Tea Break		
10:30 – 11:15	AFP Fingerprint Training Program	Wayne Morrell	Australian Federal Police
11:15 – 12:00	Discussion of The Establishment of Massive Automated Fingerprint Identification System	Yong-you Luo	Division of Forensic Science of Fujian Provincial Public Security Department
12:00 – 13:30	Lunch		
13:30 – 14:15	The Performance of Latent Print Examiners for Different Comparison Difficulty Influenced by Time Pressure as Revealed	Shiquan Liu	Institute of Evidence Law and Forensic Science, University of Political Science and Law

	by Eye Tracking Methodologies		
14:15 – 15:00	Extraction of endogenous material information by secondary ion mass spectrometry imaging	Li Wenjie	People's Public Security University of China
15:00 – 15:30	Tea Break		
15:30 – 16:15	Study about DCS-5 Image Enhancement Technique for Blood Stain Fingerprint on Various Background	Choon-Soo Park	The 1st Team, Department of Scientific Investigation, Seoul Metropolitan Police Agency
16:15 – 17:00	Rapid detection of explosives in fingerprints using surface mass spectrometry	Wei Dai	Shanghai Forensic Institute
17:00 - 18:30	Workgroup Business Meeting		
18:30 – 20:00	Conference dinner (All WGs)		

Date	Day 2, Sept. 20th		
Time	Title	Authors	Institution
08:30 – 09:15	Case study: Using fingerprint to identify anonymous persons and unknown dead bodies in CIFS, Thailand	Yokchue Tanasiri	Fingerprint Identification Section, Central Institute of Forensic Science
09:15 – 10:00	The Future Directions of Fingerprint Detection Techniques	Rongliang MA	Institute of Forensic Science, Ministry of Public Security

10:00 – 10:30	Tea Break		
10:30 – 11:15	Chemical Recovering Technology to Respond PBI(Post Blast Investigation) about Latent Fingerprinton Contaminated Specimens, Objects Exposed to Heat	Choon-Soo Park	The 1st Team, Department of Scientific Investigation, Seoul Metropolitan Police Agency
11:15 – 12:00	New Method and Standard of Fingerprint Identification: Jiugong and Topology	Chiping Liu	Changzhou Police Bureau, CHINA
12:00 - 12:30	Closing Ceremony (Conference Hall 1)		

POSTERS SESSION			
1	Comparison study of several optimized development methods for fingermarks on wet papers	Shi Wentao	People's Public Security University of China
2	Stereomicroscopic gender determination from fingerpint ridge density and fingerprint patterns	Kyaw Soe Htun	Defence Services Medical Research Centre
3	Fingerprints detection techniques using powder of green bean seeds	Zainol Hisham	Royal Malaysia Police/ Forensic Laboratory
4	Fingerprinting for Identification of Underwater Death-Budapest, Danube river cruise ship accident	Lee Sang Su	Korea National Police Agency