PROGRAMME
DAY ONE: Tuesday, November 8th, 2022

Venue: Auditorium NFSU (apart from the hands on exercises & breaks)

Time (IST)	Subject	Speakers
09.00	**Official welcome and opening addresses**	**Dr J. M. VYAS,** Vice Chancellor, NFSU (India) **Mr Chee Kiong TAN** Assistant Director Support Office EDTI – INTERPOL
09.20	**Introduction of the facilitators of the forum** • Program Introduction • House Rules • Icebreaker activity	**Mr Fabio BRUNO** Head of DFL, Innovation Centre, INTERPOL
09.40	**Keynote speech** Cooperation in the field of digital forensics.	**Dr S. S. IYENGAR** Distinguished Professor, Florida International University (USA)
	PART 1/5 – MAJOR/NEW CHALLENGES IN DIGITAL FORENSICS *Speakers will present on new major challenges in digital forensics (encryption, cloud forensics, malware forensics, network forensics)* *Moderators: INTERPOL and Dr Sanjay BEHL (Director General CERT-In)*	
10.00	**IoT, Cloud forensics and decentralized data** The need for huge amount of data is increasing, thus the need to find a safe and always available place for them. How to deal with IoT devices, cloud storage and decentralized data.	**Dr Naveen Kumar CHAUDHARY** Professor, Cyber Security & Digital Forensics- NFSU (India)
10.20	**Learn more about forensic analysis of smartwatches, mobile phones and clouds**	**Mr Dusan KOZUSNIK** Founder & CEO of Compelson – MOBILedit (Czech Republic)
10.40	**FTK Central: Moving Law Enforcement Investigations into the Cloud**	**Ms Sarah HARGREAVES** Vice President, Global Training – Exterro (UK)
11.00	**Coffee break**	

11.20	**Social Media Forensics and ASINT** Most effective tools for conducting digital social media investigations. Methodology and the main techniques and tools for digital social media analysis.	**Dr Nilay MISTRY** Senior Assistant Professor- NFSU (India)
11.40	**Frontline Forensics** Access to Digital Evidence instantly while emphasizing the right to privacy for victims	**Mr Ajay SARIYAL** Tech Sales – MSAB (India)
12.00	**Forensic Hardware and Software Solutions to Help Accelerate Investigations** As the quantity of digital data is growing almost weekly, we all need that the acquisition imaging process to be fast and for that, we need powerful equipment to acquire, process, and analyze data from various sources.	**Ms Sepideh ALIKHAN** Sales Operation Manager - mh Service GmbH (UAE)
12.20	**Lunch**	

PART 2/5 – MULTIMEDIA FORENSICS

Extraction and analysis of video and audio files and their metadata

deep fakes and image analysis

Moderators: INTERPOL

14.00	**PERITUS – a unified platform for multimedia forensic analysis** The PERITUS software and its functionalities for forensic multimedia examination.	**Mr Daniel de Oliveira CUNHA** Brazilian Federal Police (Brazil)
14.20	**CCTV Forensics – a case study**	**Dr Surbhi MATHUR** Senior Assistant Professor, NFSU (India)
14.40	**Hands on exercises with Industry's leaders on computer forensics** (in different rooms/laboratories) Participants will be invited to interact with Industry's leaders on digital forensics solutions in order to discuss directly with them on their challenges and difficulties when dealing with their cases.	
16.30	**Conclusions of the day**	
17.00	**Visit to the National Forensic Sciences University**	
18.00	**Cultural Event**	

DAY TWO: Wednesday November 9th, 2022
Venue: Auditorium NFSU (apart from hands on exercises & breaks)

Time (IST)	Subject	Speaker
09.00	**Opening of the second day and lessons learnt from day one** **Icebreaker activities**	
	PART 3/5 – COMPUTER FORENSICS *Focussing on personal computers based on Windows, Apple and Linux operating systems digital forensics* *Moderators: INTERPOL and Dr S. S. Iyenger (Distinguished Professor, FIU)*	
09.20	**New features of IPED forensic tool version 4** New features of IPED forensic tool version 4	**Mr Luís Filipe da Cruz NASSIF** Forensic Expert Officer - Serviço de Perícias em Informática - Brazilian Federal Police (Brazil)
10.00	**Forensic Artifacts for macOS Investigations** Learn about the Apple File System (APFS) and the changes made as part of the update from HFS+, while discussing the best techniques for successfully completing macOS investigations.	**Mr Harry KOH** Solutions Engineer – Magnet Forensics (Singapore)
10.40	**Linux as a tool and as a subject of the investigations** How to utilize Linux OS as tool for forensic investigations and how to analyse it when it's the subject of the investigation.	**Mr Krešimir HAUSKNECHT** Head of Digital forensics department INsig2 (Croatia)
11.00	**Coffee break**	
	PART 4/5 – MOBILE FORENSICS *New development in the area of mobile forensics* *Moderators: INTERPOL and Dr J. M. Vyas (Hon. VC, NFSU)*	
11.20	**Recovering data from Android Second Space**	**Mr Max PUTIVTSEV** Chief Commercial Officer, ACE Lab (Czech Republic)
11.40	**Overcoming the challenges of Mobile forensics**	**Mr Roee LICHT** UFED R&D Group Manager, Cellebrite (Israel)
12.00	**Take Your Investigation To The Next Level**	**Mr Garreth SCOTT** Credence Security (UAE)
12:10	**Criminal Investigations with the help of the Dark Web**	**Mr Dhiraj GAUR** Recorded Future (India)

12.20	**Lunch**
14.00	**Breakout sessions** (Roundtables around different topics in different rooms/laboratories) Experts and practitioners from academia, law enforcement and private sector will be encouraged to interact and discuss around challenges and new developments in Digital Forensics and to provide feedback to the companies.
	Group A: Computer Forensics. **Moderator**: Mr Rabin BASNYAT, Digital Forensics Analyst, LEADER, INTERPOL Dr. Nilay MISTRY, Sr. Assistant Professor, NFSU
	Group B: Mobile Forensics **Moderator:** Mr Christopher CHURCH, Senior Mobile Forensics Specialist, INTERPOL Dr. DigvijaySinh RATHOD, Associate Professor, NFSU
	Group C: Multimedia, IoT and Cloud Forensics **Moderator:** Mr Hamad ALBANKI, Digital Forensics Analyst, INTERPOL Dr. Parag RUGHANI, Associate Professor, NFSU
15.30	**Optional CTF events:** CTF on Digital Forensic and OT Forensic (ICS/SCADA) **Organized and moderated by NFSU**
16.30	**Conclusions of the day**

18.00	**Networking dinner**

DAY THREE: Thursday November 10th, 2022

Venue: Auditorium NFSU (apart from hands on exercises & breaks)

Time (IST)	Subject	Speaker
09.00	**Opening of the third day and lessons learnt from the second day** **Icebreaker activities**	
	PART 5/5 – INTERPOL AND OTHER'S ORGANIZATIONS PROJECTS/CASE STUDIES *Digital Forensics environment and existing projects to leverage digital forensics capabilities*	
09.20	**Project LEADER and case studies from beneficiary countries** INTERPOL will present on case studies from Bangladesh, Bhutan, Brunei, Cambodia, Maldives, Mongolia, Nepal and Sri Lanka	**Ms Miji LEE** Digital Forensics Training Officer, LEADER - INTERPOL **Mr Rabin BASNYAT** Digital Forensics Analyst, LEADER - INTERPOL
11.00	**Coffee break**	
11.20	**Case studies in the digital forensics** Malicious digital certificates detection: Hacking techniques. Ultra-wideband Geolocation—Investigative and Forensic Considerations Apple Private Relay—The Death of IP Logs FORMOBILE: Apple Health Data – a study of 5 years of personal data	**Moderators:** INTERPOL and Dr Naveen Kumar Chaudhary, NFSU (India) **Panelist:** **Mr Benoit POLETTI** CEO - INCERT.LU (Luxemburg) **Mr Charles L. COHEN** Vice President NW3C (USA) **Prof Matthew SORELL** Director and CTO - Digital Forensic Sciences Australia Pty Ltd (Australia)
12.20	**Lunch**	
14.00	**Bringing innovation in the digital forensics** Three speakers from academia and other public organizations will present for 15 min each on their projects about Big data, Encryption and other challenges and will interact for 15 minutes with the participants.	**Moderators:** INTERPOL and Dr Latesh K. J. **Panelist: Knovos, NFSU**
15.00	**Emerging technologies and other sub-branches of digital forensics** INTERPOL projects on drones and car forensics	**Mr Christopher CHURCH** Senior mobile forensics specialist INTERPOL

15.20	**Open discussion around the theme: "Digital Forensics in the Future"** **Round table with the participants**	
16:30	**Conclusions of the meeting**	**Dr J. M. VYAS,** Vice Chancellor, NFSU (India) **Mr Fabio BRUNO** Head of DFL, Innovation Centre, INTERPOL **Dr S. S. IYENGAR** Distinguished Professor, Florida International University (USA)
17.00	**Valedictory session**	