



Twenty-Second Annual IFIP WG 11.9 International Conference on Digital Forensics
Eros Hotel, Nehru Place, New Delhi, India
January 5-6, 2026

January 4, 2026 (Sunday)

07:15pm - 09:00pm: Dinner (Hotel Guests Only)
Meet in the Hotel Lobby @ 07:00pm

January 5, 2026 (Monday)

07:30am - 08:15am: Breakfast (Eros Hotel, Nehru Place; Hotel Guests Only)

08:15am - 08:25am: Welcoming Remarks and Logistics

08:25am – 09:55am: Paper Session 1

Chair: Pankaj Sharma, National Forensic Science University, New Delhi, India

An Anti-Obfuscation Solution for Android Applications

Chen Shi and Yong Guan

Iowa State University, Ames, Iowa, USA

Cryptomining Traffic Detection via Statistical Filtering and Deep Learning

Jinxia Wei, Xizhang Huang, Wei Wan, Hao Fu, Mu Zhu, Yuhai Lu and Chun Long

Chinese Academy of Sciences, Beijing, China

Security Evaluation Techniques for Deepfake Detection Models

Huan Wang, Fuqiang Du, Min Yu, Kam-Pui Chow, Yachao Liang, Pengbo Zhang, Boquan Li and Jianguo Jiang

Chinese Academy of Sciences, Beijing, China

University of Hong Kong, Hong Kong, China

Harbin Engineering University, Harbin, China

09:55am - 10:55am: Paper Session 2

Chair: Priyanka Jain, Centre for Development of Advanced Computing, New Delhi, India

Using TrueType Fonts to Forensically Classify and Date PDF Documents

Martin Olivier

University of Pretoria, Pretoria, South Africa

Image Forgery Detection Using Error Learning Analysis and a Convolutional Neural Network

Arpita Salunke, Geetanjali Srivastava and Priyanka Jain

Centre for Development of Advanced Computing, New Delhi, India

10:55am - 11:15am: Break with Refreshments

11:15am – 11:45am: Sponsor Presentations

11:45pm - 12:40pm: Inaugural Address and Keynote Lectures

Digital Forensics – Challenges Introduced by Emerging Technologies

Navin Kumar Singh IPS, National Cyber Security Coordinator, National Security Council Secretariat, Government of India, New Delhi, India

January 5, 2026 (Monday) (continued)

The Role of Academia in Digital Forensics

Manindra Agrawal, Director, Indian Institute of Technology Kanpur, Kanpur, India

The Evolving Digital Forensics Ecosystem

Gaurav Gupta, Additional Director/Scientist F, Ministry of Electronics and Information Technology, Government of India, New Delhi, India

12:40pm - 01:10pm: Sponsor Presentations 1

01:10pm - 02:00pm: Lunch (Eros Hotel, Nehru Place)

02:00pm - 02:45pm: Keynote Lecture

Making Cyber Space Safer – Cyber Crime Crackdown in India

Rushi Mehta, Senior Program Manager, Indian Cyber Crime Coordination Center, Ministry of Home Affairs, Government of India, New Delhi, India

02:45pm - 03:30pm: Panel Discussion

Government of India Policies and Initiatives Related to Cyber Security

Moderator: Gaurav Gupta, Ministry of Electronics and Information Technology, Government of India, New Delhi, India

Representative, Ministry of Electronics and Information Technology, Government of India, New Delhi, India

Representative, National Security Council Secretariat, Government of India, New Delhi, India

Representative, Indian Computer Emergency Response Team, Ministry of Electronics and Information Technology, Government of India, New Delhi, India

Representative, Indian Cyber Crime Coordination Centre, Ministry of Home Affairs, Government of India, New Delhi, India

03:30pm - 04:00pm: Sponsor Presentations 2

04:00pm - 04:20pm: Break with Refreshments (Art Display in the Gallery)

04:20pm - 04:50pm: Sponsor Presentations 3

04:30pm - 05:30pm: Paper Session 3

Chair: Sakshi Sharma, Ram Lal Anand College, Delhi University, South Campus, New Delhi, India

Investigating Security and Privacy Vulnerabilities in Smartwatch Companion Apps

Sakshi Sharma, Aditi Sinha, Madhulika Singhal and Gajender Singh

Ram Lal Anand College, New Delhi, India

An End-to-End Digital Forensic Analysis Framework for a Smart Grid Advanced Metering Infrastructure

Amala R., Renin Roy and Vinukumar A.

Centre for Development of Advanced Computing, Thiruvananthapuram, India

05:30pm - 06:15pm: Business Meeting and Poster Session

Chair: Sujeet Sheno, Secretary, IFIP Working Group 11.9 on Digital Forensics, University of Tulsa, Tulsa, Oklahoma, USA

07:30pm - 09:00pm: Dinner (Hotel Guests Only)

Meet in the Hotel Lobby @ 07:15pm

January 6, 2025 (Tuesday)

07:30am - 08:15am: Breakfast (Eros Hotel, Nehru Place; Hotel Guests Only)

08:15am - 08:25am: Welcoming Remarks and Logistics

08:25am – 09:55am: Paper Session 4

Chair: Martin Olivier, University of Pretoria, Pretoria, South Africa

Faithful Chain-of-Thought Reasoning via Debate and Self-Repair

Kun Hou, Renrui Duan, Shaohua Wang, Kehan Xu, Lei Guo, Jingyuan Li and Yuanzhuo Wang

Beijing Technology and Business University, Beijing, China

Chinese Academy of Sciences, Beijing, China

Zhengzhou University, Zhengzhou, China

Multi-Bit Highly Stealthy Black-Box Model Fingerprinting Scheme Based on Feature Attribution and Adversarial Examples

Cheng Zeng, Qing Luo, Xiangwen Xiao, Zhi Chen and Xiaoyi Zhou

Hainan University, Haikou, China

Artificial-Intelligence-Driven Agent Architecture for Hypervisor-Level Cloud Forensics Automation

Prasad Purnaye, Bhupendra Singh, Alwin Anuse and Nitesh Bharadwaj

Indian Institute of Information Technology Pune, Pune, India

Film and Television Institute of India, Pune, India

National Institute of Technology Raipur, Raipur, India

09:55am - 10:55am: Paper Session 5

Chair: Emmanuel Pilli, Malaviya National Institute of Technology, Jaipur, India

Artificial-Intelligence-Assisted Digital Forensics for Unmanned Autonomous Vehicle Telemetry and Controller Area Network Bus Data

Yatish Chaturvedi

Military College of Telecommunication Engineering, Mhow, India

A Comprehensive Survey of Digital Forensics for Modern Vehicles

Sanya Arora, Vishal Srivastava and Gaurav Gupta

National Forensic Sciences University, New Delhi, India

Indian Institute of Technology Kanpur, Kanpur, India

Ministry of Electronics and Information Technology, Government of India, New Delhi, India

10:55am - 11:20am: Break with Refreshments

11:20am - 11:50am: Keynote Lecture

Open-Source Threat Intelligence for Nation-State and Critical Infrastructure Security

Abhishek Kumar, Open-Source Intelligence and Digital Forensics Expert, New Delhi, India

11:50pm - 12:20pm: Sponsor Presentations 4

12:20pm - 01:20pm: Keynote Lecture

How an Advanced Digital Forensics Capability Can Drive Critical Infrastructure Protection

Sujeet Shenoi, Professor of Computer Science and Chemical Engineering, University of Tulsa, Tulsa, Oklahoma, USA

01:20pm - 02:30pm: Lunch (Eros Hotel, Nehru Place)

02:30pm - 03:00pm: Sponsor Presentations 5

03:00pm - 04:00pm: Paper Session 6

Chair: K. Venkatesh Murthy, Data Security Council of India, Bangalore, India

Optimization of Mel Frequency Cepstrum Coefficients for the Detection of Cloned Voice in Marathi

Mahesh Thor and Rajesh Kumar

Government Institute of Forensic Science, Chhatrapati Sambhajinagar, India

Person-Profiling Using Retrieval Augmented Generation for Digital Forensic Analysis

Yash Changare, Anwer Reyaz and Vinukumar A.R.

Centre for Development of Advanced Computing, Thiruvananthapuram, India

04:00pm - 04:45pm: Panel Discussion

Government of India Policies and Initiatives Related to Cyber Security

Moderator: Santosh Khadsare, Systools Software, Dwarka, India

Sumit Kumar, Nodal Officer, Defence and Strategic Affairs, Broadcast Engineering Consultants of India, New Delhi, India

Atul Kumar, Director, Global Trade, Cyber Diplomacy and Government Initiatives, Government of India, New Delhi, India

Representative, Directorate of Forensic Science, Government of India, New Delhi, India

04:45pm - 05:30pm: Closing Ceremony with Refreshments