EAI ICDF2C 2026 Program

8 – 10 SEPTEMBER, 2026 | REYKJAVÍK, ICELAND

DAY 1 — Tuesday, 8 September

08:00 - 09:00	**Registration**
09:00 - 09:10	**Opening Ceremony**
09:10 - 10:00	**Keynote: Guardians of the Chain: Past Lessons and Future Threats in Software Security** Justin Cappos, NYU, USA
	Paper Session 1 · Software Analysis and Forensics *Session Chair: Thomas Welsh*
10:00 - 10:20	Visualizing Differences in Versions of Software Files **Neil Rowe**
10:20 - 10:40	SOMNIA: Disassembling ARM Binaries by Knowledge-aware Transfer Learning **Ke Zhang**
10:40 - 11:00	***ONLINE*** Role-Driven Comparative Forensic Analysis of an Android Marketplace Mobile Application **Murat Gunestas**
11:00 - 11:30	**Coffee Break**
	Paper Session 2 · AI Vulnerabilities *Session Chair: TBA*
11:30 - 11:50	***ONLINE*** How Real is Your Jailbreak? Fine-grained Jailbreak Evaluation with Anchored Reference **Songyang Liu**
11:50 - 12:10	***ONLINE*** MEEA: Mere Exposure Effect-Driven Confrontational Optimization for LLM Jailbreaking **Jianyi Zhang**
12:10 - 12:30	***ONLINE*** Exposing Vulnerabilities in AI-Based Malware Detectors: Adversarial, Backdoor, and Poisoning Attacks **Ahsan Ul Islam**
12:30 - 13:30	**Lunch**
	Paper Session 3 · Evidence Triage and Threat Detection Tools *Session Chair: TBA*
13:30 - 13:50	Risk-Based Digital Evidence Triage: A Framework for Artifact, Device, and Case Prioritization in Child Sexual Offense Investigations **Lukas Jaeckel**
13:50 - 14:10	Hate Speech Detection in Digital Forensics: Autopsy Hate Speech Detector Plugin **Svetlana Tomić**
14:10 - 14:30	***ONLINE*** X4SFF-ITD: An Extensible and Explainable Plugin-Based Framework for Insider Threat Detection **Arcangelo Castiglione**
14:30 - 15:00	**Coffee Break**
	Paper Session 4 · Ensuring Trust *Session Chair: Helmut Neukirchen*
15:00 - 15:20	Leveraging Device Motion Events to Track Fraud in Remote Identity Verification **Luís Rosário**
15:20 - 15:40	FL-Forensics: A Blockchain-Enabled Framework for Forensic Accountability and Auditability in Federated Learning **Safiia Mohammed**
15:40 - 16:00	***ONLINE*** Chain-Resilience: A Blockchain-based Federated Continual Learning Framework for Defending Against Forgetting and Distrust **Gang Du**

DAY 2 — Wednesday, 9 September

08:30 - 09:00	**Registration**
09:00 - 10:00	**Keynote: Attribution at Home: Lessons from Unmasking a Prolific Phishing Group** Hafsteinn Baldvinsson, CERT-IS, Iceland
	Paper Session 5 · Human Factors *Session Chair: TBA*
10:00 - 10:20	Human Factors in Cybersecurity in Icelandic Small and Medium-sized Enterprises **Goda Cicėnaitė**
10:20 - 10:40	Temporal Evolution and Conceptual Fragmentation of Human Behavior in Social Engineering Cybersecurity **Rahmat Hidayat**
10:40 - 11:00	***ONLINE*** Archetypical Modelling for Cybersecurity and Personal Data Protection for SMEs **Sofia Almpani**
11:00 - 11:30	**Coffee Break**
	Paper Session 6 · Detecting and Analysing GenAI Output *Session Chair: Rahmat Hidayat*
11:30 - 11:50	***ONLINE*** FreDA: Training-Free Test-Time Adaptation for Deepfake Detection via Non-Parametric Cache Retrieval **Yang Fang**
11:50 - 12:10	***ONLINE*** A Multi-stage Framework for Detection and Attribution of LLM-generated Text **Chan Ching Bon**
12:10 - 12:30	***ONLINE*** MARS: LLM Toxicity Mitigation via Multi-Dimensional Adaptive Representation Steering **Zhou Hongfeng**
12:30 - 13:30	**Lunch**
	Paper Session 7 · Encrypted Traffic Analysis *Session Chair: TBA*
13:30 - 13:50	***ONLINE*** DHGNN-MambaNet: Encrypted Traffic Analysis Based on Dual-Granularity Heterogeneous Graphs and Bidirectional Networks **Xuan Yang**
13:50 - 14:10	***ONLINE*** Flash-Flood: A Low-Latency Generative Defense Against Website Fingerprinting Attacks **Yuanpeng Zhao**
14:10 - 14:30	***ONLINE*** A Forensic Framework for Detecting Ransomware Evidence Using Burst-Based Network Analysis **Mohammed Makarem**
14:30 - 15:00	**Social Event Info & Coffee Break**
15:00 - 16:00	**Poster Session (incl. Lightning Talks)** Coffee continuing
17:00 - 20:00	**Exhibitions — Perlan** Walk there or take public transportation.
20:00	**Conference Social Dinner — Perlan**

DAY 3 — Thursday, 10 September

08:30 - 09:00	**Registration**
	Paper Session 8 · Critical Infrastructure Resilience *Session Chair: Thomas Welsh*
09:00 - 09:20	R-FIGM: A Real-Time Forensic Intelligence Governance Model for Cyber Crisis Management in Critical Infrastructure **Ehab Elhegawy**
09:20 - 09:40	***ONLINE*** Unsupervised Detection of False Data Injection Attacks in Nuclear Radiation Dose Time Series Using Generative Models **Jyothsna Saripalli**
09:40 - 10:00	***ONLINE*** Quantifying Cyber Attack Impact on UAV-Based Nuclear Containment Inspection: A Forensic-Ready Simulation Framework **Hari Hara Babu Saripalli**
10:00 - 10:30	**Coffee Break**
	Paper Session 9 · AI-Enhanced Investigations *Session Chair: TBA*
10:30 - 10:50	***ONLINE*** Multimodal Online Black Industry Discovery with Long-Context Compression **Yinuo Wang**
10:50 - 11:10	***ONLINE*** Agentic AI Enhanced Security Workflow for Explainable Host-Based Intrusion Detection **Jayesh Soni**
11:10 - 11:30	***ONLINE*** A Methodology for Producing Recursive Medical Forensic Image Analysis Responses Using VLMs **Andreas Menychtas**
11:30 - 12:30	**Lunch**
	Paper Session 10 · Cryptography and Steganography *Session Chair: TBA*
12:30 - 12:50	***ONLINE*** RENet-Crypt: A Novel Image Encryption Method Based on Chaotic Systems and Invertible Neural Networks **Tufeng Xian**
12:50 - 13:10	***ONLINE*** AI-Assisted Steganography for Endpoint Protection in Adversarial Environments **Chan Ching Bon**
13:10 - 13:30	***ONLINE*** DDRN: Dynamic Key-Driven Deep Reversible Network for Medical Image Encryption **Tufeng Xian**
13:30 - 14:00	**Coffee Break**
14:00 - 14:30	**Closing Ceremony** Best Paper Award & Announcement regarding ICDF2C 2027
15:00 - 21:00	**Golden Circle Excursion (6h) - optional** Requires prior registration by replying to the EAI email. Notes: Luggage can be stored in the locked Gróska room. Please bring or buy food for the excursion beforehand.