

Program for NISK stream

Tuesday, November 29th

10:30-12:00 Session 1: Crypto and vulnerabilities

Chair: Vladimir Oleshchuk

Location: Matta

10:30 Alberto Peinado Domínguez and Slobodan Petrovic. Dynamic LFSRs as an alternative to LFSRs in extended fields - A comparative study

11:00 Igor Semaev. New Digital Signature Algorithm EHT

11:30 Torstein Molland, Andreas Nesbakken Berger and Jingyue Li. Automatic Detection and Fixing of Java XXE Vulnerabilities Using Static Source Code Analysis and Instance Tracking

14:15-15:45 Session2: Biometric and trustworthiness

Chair: Slobodan Petrovic

Location: Matta

14:15 Henning Myhrvold, Haoyu Zhang, Juan Tapia, Raghavendra Ramachandra and Christoph Busch. Explainable Visualization for Morphing Attack Detection

14:45 André Waltoft-Olsen, Lasse Øverlier, Geir Olav Dyrkolbotn and Arvind Sharma. Smart Grid challenges - Device Trustworthiness

15:15 Hagen Echzell. Attack vectors to re-identify individuals from the anonymised Smittestopp dataset.

Wednesday, November 30th

10:15-11:15 Session 3: Forensic and trust

Chair: Vladimir Oleshchuk

Location: Matta

10:15 Odin Heitmann and Katrin Franke. Systematically assessing the competence level of digital evidence handling.

10:45 Endre Medhus Mæland, Sigmund Bernhard Berbom, Besmir Tola and Yuming Jiang. Distributed Trust Empowerment for Secure Offline Communications