09:00 - 10:00 IFIP SEC 2023 Reception Desk

10:00 - 10:30 Conference Opening | *Chaired by Norbert Meyer*

Room 0.26

Hosting sites: **Cezary Mazurek** (PSNC), **Andrzej Jaszkiewicz** (PUT), **Paul Haskell-Dowland** (TC-11),

10:30 - 11:30 Invited Speaker I - Prof. Josef Pieprzyk | *Chaired by Norbert Meyer*

Room 0.26

11:30 - 12:00 Coffee break

12:00 - 13:30 Session 1: Applied cryptography | *Chaired by Paul Haskell-Dowland*

Room 0.26

Jun Xu, Shengnan Zhao, Chuan Zhao, Zhenxiang Chen, Zhe Liu and Liming Fang – *Practical Sing*

Sigurd Eskeland and Svetlana Boudko – *Efficient non-interactive anonymous communication*

Mengqing Yang, Chunxiao Ye, Yuanmu Liu, Yan Jin and Chunming Ye – *PointPuff: An Ed25519 Op*

13:30 - 14:30 Lunch

14:30 - 16:30 Session 2: Data and applications security | *Chaired by Anna Grocholewska-Czu*

Room 0.26

Pascal Wichmann, August See and Hannes Federrath – *SecPassInput: Towards Secure Memory and*

Janaka Senanayake, Sampath Rajapaksha, Naoto Yanai, Chika Komiya and Harsha Kumara Kalu
Detection through Optimized Neural Network with Feature Analysis

Sven Zemanek, Sebastian Tauchert, Max J. Ufer and Lilli Bruckschen – *Web Content Integrity: Tan*

Georgios Kornaros, Georgia Berki and Miltos Grammatikakisn- *Quantum-secure Communication*

18:00 - 22:00 Welcome Reception @PSNC

09:30 - 10:30 Invited Speaker II - Prof. Sebastiano Battiato | *Chaired by Norbert Meyer*

10:30 - 11:00 Coffee break

11:00 - 12:30 Session 3 & 4 | *Chaired by Kai Rannenberg and Dogan Kesdogan*

Session 3 – Human aspects of security and privacy – Room 0.26 |

Hannes Holm and Jenni Reuben – *Evaluation of a Red Team Automation Tool in live Cyber Defence*

Aikaterini Soumelidou and Aggeliki Tsohou – *Towards An Information Privacy Competency Model*

Efstratios Chatzoglou, Vyron Kampourakis and Georgios Kambourakis – *Bl0ck: Paralyzing 802.11*

Session 4 – Network & distributed systems security – Room 0.31

Tino Jungebloud, Nhung H. Nguyen, Dong Seong Kim and Armin Zimmermann – *Hierarchical N Design*

August See, Tatjana Wingarz, Matz Radloff and Mathias Fischer – *Detecting Web Bots via Mouse*

Maximilian Wittig and Dogan Kesdogan – Detecting web tracking at the network layer

12:30 - 13:00 Coffee break

13:00 - 14:00 Session 5: Big data security and privacy | *Chaired by Kai Rannenberg*

Room 0.26

Hiroaki Kikuchi – *Privacy-Preserving Clustering for Multi-Dimensional Data Randomization under LD*

Anting Lu, Hua Wu and Hao Luo – *Real-time Platform Identification of VPN Video Streaming Based*

14:00 - 15:00 Lunch

15:00 - 17:00 Session 6: Audit and risk analysis / Security Management | *Chaired by Marcus*

Room 0.26

Kéren A Saint-Hilaire, Frédéric Cuppens, Nora Cuppens-Boulahia and Joaquin Garcia-Alfaro – *(*

David Cordova Morales, Ahmad S. Wazan, David W. Chadwick, Romain Laborde, April R. Reyes
Protocol to Automate the Management of ALL X.509 Web Certificates

Koudai Hatakeyama, Daisuke Kotani and Yasuo Okabe – *Key Management Based on Ownership of*

Vanessa Bracamonte, Sebastian Pape and Sascha Löbner – *Factors of Intention to Use a Photo Tool*
privacy-enhancing Tools

18:00 - 22:00 Social event

The Croissant Museum in Poznan [How to get there?]

Restaurant Rynek 95 [How to get there?]

09:30 - 10:30 Session 7 & 8 | *Chaired by Bart De Decker and Anna Grocholewska-Czuryło*

Session 7 – Human aspects of security and privacy – Room 0.26 |

Dominik Soukup, Daniel Uhříček, Daniel Vašata and Tomáš Čejka – *Machine Learning Metrics for*

Peter Hamm, Sebastian Pape, Kai Rannenberg – *The Influence of Privacy Concerns on Cryptocurren*

Session 8 – Industry networks security – Room 0.31 | *Chaired by*

Ke Liu, Rongkuan Ma, Qiang Wei, Yahui Yang, Yangyang Geng and Chongrong Fang – *Next-gen Simulating Advanced Features* [Online]

Almamy Touré, Youcef Imine, Thierry Delot, Antoine Gallais, Alexis Semnont and Robin Giraud *via an Industrial IDS Probe*

10:30 - 11:00 Coffee break

11:00 - 12:00 Session 9: Network & distributed systems security | *Chaired by Gerard Franko*

Room 0.26

Christos Karapapas, George C. Polyzos and Constantinos Patsakis – *What's inside a node? Malicio*

Jinfeng Chen, Hua Wu, Suyue Wang, Guang Cheng and Xiaoyan Hu – *An Accurate and Real-time Backbone Network* [Online]

12:00 - 13:00 Lunch

13:00 - 14:00 Session 10: Network & distributed systems security | *Chaired by Gerard Franko*

Room 0.26

Lukáš Sadlek and Pavel Čeleda – *Cyber Key Terrain Identification Using Adjusted PageRank Centrality*

Qisheng Chen and Kazumasa Omote – *Toward the Establishment of Evaluating URL Embedding Met Detection* [Online]

14:00 - 14:30 Closing session | *Chaired by Paul Haskell-Dowland and Kai Rannenberg*