

## Technical program

### Session B Join URL:

<https://aalto.zoom.us/j/69790558450>

Meeting ID: 697 9055 8450

### 8:30 – 9:50 Session 1B

A survey on touch-based continuous authentication systems in mobile phones

*Josephus Jasper Limbago*

Privacy preserving techniques for continuous authentication

*Hussam Aldeen Alkhafaji*

Automated probing of firewalls for small business networks

*Anand Vasudevan*

Benefits and Drawbacks of Using Microservices in Big Data Platform Applications

*Buket Karakas*

### 9:50 – 10:10 Short break

### 10:10 – 11:30 Session 2B

Assessment of Security Challenges Encountered in Microservice Architecture Compared to Traditional Monolithic Architecture

*Bojana Bakic*

Cryptographic privacy: an overview of identity hiding and one-sided authenticated key-exchange protocols

*Alessandro Chiarelli*

Co-inference techniques for Edge and Fog computing

*Soumya Lekkala*

Optimizing firewall policies

*Massimo Bertocchi*

**11:30 – 12:30 Lunch break**

**12:30 – 14:10 Session 3B**

Firewalls and filtering policies for small networks

*Sepehr Javid*

Sim-to-Real transfer learning using Deep Reinforcement Learning (DRL)

*Jeyhun Yagublu*

Image generation with generative models

*Guangkai Jiang*

The Design, Architecture and Scalability of Microservices

*Jayshree Rathi*

Detecting Anomalies in Firewall Configurations

*Zetong Zhao*

**14:10 – 14:30 Short break**

**14:30 – 16:10 Session 4B**

Asymmetric Multi-core Scheduling

*John Wickström*

Optimizing packet classification in firewalls and routers

*Anastasia Safargalieva*

Layer-2 Integrity Protection

*Kun Ren*

Multiagent Deep Reinforcement Learning for Video Game Playing

*Zixuan Liu*

Securing small networks through automated firewall testing

*Matteo Calabrese*