



EAI SaseloT 2023 - 7th EAI International Conference on Safety and Security in Internet of Things

October 24-26, 2023

Bratislava, Slovakia

October 25th 2023

Program

15:30 (CEST) - **A Bibliometric Analysis and Comprehensive Overview of Security Attacks Against RPL in IoT Networks** – Joshua Teddy Ibibo

15:50 (CEST) **UAV-aided uplink NOMA based on MEC in IoT networks: Secrecy offloading and Optimization** – Nhat Anh Nguyen, Son Tung Ngo, Anh Ngoc Bui, Chi Phuong Le

16:10 (CEST) - **Explainable Transformer-based Anomaly Detection for Internet of Things security** – Aamir Saghir, Himanshu Beniwal, Kim Duc, Tran, Ali Raza, Ludovic Koehl, Xianyi Zeng, Kim Phuc Tran

16:30 (CEST) - **Overview of Security Challenges in Wireless IoT Infrastructures for Autonomous Vehicles** – Neeli Prasad, Birger Andersen, Daniel Kolditz Rubin-Grøn

16:50 (CEST) - **RPL Protocol using Contiki Operating Systems: A Review** – Joshua Teddy Ibibo

17:10 (CEST) - **A novel Transformer-based Anomaly Detection approach for ECG Monitoring Healthcare System** – Thi Thuy Van Nguyen, Cédric Heuchenne, Kim Duc Tran, Kim Phuc, Tran

17:30 (CEST) - **Analysis of LoRaWAN and NB-IoT for Critical and Massive Communication** – Mateo Campoverde-Fordon, Birger Andersen

17:50 (CEST) - **Secure and Lightweight Communication Protocol for Wake-up Radio Enabled Internet of Things** – Debasish Ghose, Harsha S. Gardiyawasam Pussewalage, Indika A. M. Balapuwaduge, Soumya P. Dash

18:10 (CEST)- **Real-Time Co-Simulation for the Analysis of Cyber Attacks Impact on Distance Relay Backup Protection** - Nadia Boumkheld, Geert Deconinck, Rick Loenders