



**The Second International Symposium on Emerging Information Security and Applications (EISA 2021)**

**12-13 November 2021, Copenhagen, Denmark**

**Program (CET Time)**

<b>Day1 (12 November 2021)</b>	
09:20-09:30	Welcome
09:30-10:15	Keynote I
10:15-11:00	Keynote II
11:00-11:10	Short Break
11:10-12:10	Session I
12:10-13:30	Lunch Break
13:30-14:15	Keynote III
14:15-14:25	Short Break
14:25-15:45	Session II

<b>Day2 (13 November 2021)</b>	
09:00-09:45	Keynote IV
09:45-10:30	Keynote V
10:30-10:40	Short Break
10:40-12:00	Session III
12:05-12:50	Keynote VI
12:50-13:35	Keynote VII
13:35-13:45	Closing Remarks

## **Day 1 (12 November 2021, CET Time)**

**09:20-09:30**

**Welcome** (Session Chair: Weizhi Meng, Technical University of Denmark)

PC/General Chairs

**09:30-10:15**

**Keynote I** (Session Chair: Jiageng Chen, Central China Normal University)

**Title: [Software Vulnerability Detection: From Fuzzing to Deep Learning](#)**

Yang Xiang, Swinburne University of Technology, Australia

**10:15-11:00**

**Keynote II** (Session Chair: Weizhi Meng, Technical University of Denmark)

**Title: [Highly Efficient Network Security Analysis Based on Sketches](#)**

Zheng Yan, Xidian University & Aalto University

**11:00-11:10**

Short Break

**11:10-12:10**

**Session I** (Session Chair: Jiageng Chen, Central China Normal University)

- **Practical and Provable Secure Vehicular Component Protection Scheme**

*Jixin Zhang and Jiageng Chen*

- **NEEX: An Automated and Efficient Tool for Detecting Browser Extension Fingerprint**

*Ting Lyu, Liang Liu, Fangzhou Zhu, Jingxiu Yang, Simin Hu and Yanxi Huang*

- **APHC: Auditable and Privacy Preserving Health QR Code based on Blockchain**

*Pujie Jing, Shixiong Yao and Yueyue He*

**12:10-13:30**

Lunch Break

**13:30-14:15**

**Keynote III** (Session Chair: Weizhi Meng, Technical University of Denmark)

[Title: File Carving - Challenges and Research Directions](#)

Xiaodong Lin, University of Guelph, Canada

**14:15-14:25**

Short Break

**14:25-15:45**

**Session II** (Session Chair: Wei-Yang Chiu, DTU)

- **AMLChain: A privacy-preserving distributed ledger supporting anti-money laundering and auditing**

*Yueyue He and Jiageng Chen*

- **Granularity and Usability in Authorization Policies**

*Boyun Zhang, Puneet Gill, Nelu Mihai and Mahesh Tripunitara*

- **A Two-Fold Study to Investigate Users' Perception of IoT Information Sensitivity Levels and Their Willingness to Share the Information**

*Sanonda Gupta, Stephen Kaplan, Aubree Nygaard and Sepideh Ghanavati*

- **SoK: A Systematic Literature Review of Bluetooth Security Threats and Mitigation Measures**

*Sunny Shrestha, Esa Irby, Raghav Thapa and Sanchari Das*

## Day 2 (13 November 2021, CET Time)

09:00-9:45

**Keynote IV** (Session Chair: Weizhi Meng, Technical University of Denmark)

Cristina Alcaraz, University of Malaga, Spain

9:45-10:30

**Keynote V**

Wenjuan Li, The Hong Kong Polytechnic University, China

10:30-10:40

Short Break

10:40-12:00

**Session III** (Session Chair: Sokratis K. Katsikas, NTNU, Norway)

- **JSLIM: Reducing the Known Vulnerabilities of JavaScript Application by Debloating**

*Renjun Ye, Liang Liu, Simin Hu, Fangzhou Zhu, Jingxiu Yang and Wang Feng*

- **Digital Twin Monitoring for Cyber-Physical Access Control**

*Brian Greaves, Wai Sze Leung and Marijke Coetzee*

- **Improving Host-based Intrusion Detection Using Thread Information**

*Martin Grimmer, Tim Kaelble and Erhard Rahm*

- **Database Intrusion Detection Systems (DIDs): Insider Threat Detection via Behavioural-based Anomaly Detection Systems - A Brief Survey of Concepts and Approaches**

*Muhammad Imran Khan, Simon N. Foley, and Barry O'Sullivan*

12:05-12:50

**Keynote VI** (Session Chair: Weizhi Meng, Technical University of Denmark)

Qiang Tang, The University of Sydney, Australia

**12:50-13:35**

**Keynote VII** (Session Chair: Jiageng Chen, Central China Normal University)

Chunhua Su, The University of Aizu, Japan

**13:35-13:45**

**Closing Remarks** (Session Chair: Weizhi Meng, Technical University of Denmark)