

**European Interdisciplinary Cybersecurity Conference – EICC 2023:**  
**Accepted papers**

*Main track*

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Mutistep Cyberattacks Detection using a Flexible Multilevel System for Alerts and Events Correlation

*Elvira Castillo-Fernández, Jesús Díaz-Verdejo, Rafael Estepa Alonso, Antonio Estepa Alonso, Javier Muñoz Calle, Germán Mabinabeitia*

An Evaluation of Information Flows in Digital Euro Transactions Using Contextual Integrity Theory

*Frédéric Tronnier, Patrick Biker, Erik Baur, Sascha Löbner*

New Tricks to Old Codes: Can AI Chatbots Replace Static Code Analysis Tools?

*Omer Said Ozturk, Emre Ekmekcioglu, Orcun Cetin, Budi Arief, Julio Hernandez-Castro*

Exposed-mode of Wormhole Attack in Opportunistic Mobile Networks: Impact Study and Analysis

*Sidra Aslam, Ala Altaweel, Ibrahim Kamel*

Acceptance Factors and Obstacles for Cryptocurrency Adoption

*Peter Hamm, Sebastian Pape, David Harborth*

A Framework for Advanced Persistent Threat Attribution using Zachman Ontology

*Venkata Sai Charan Putrevu, Hrushikesh Chunduri, Mohan Anand Putrevu, Sandeep Shukla*

Useful Cyber Threat Intelligence Relation Retrieval Using Transfer Learning

*Chia-Mei Chen, Fang-Hsuan Hsu, Jenq-Neng Hwang*

Ontology-based Framework for Boundary Verification of Safety and Security Properties in Industrial Control Systems

*Chibuzo Ukegbu, Ramesh Neupane, Hoda Mehrpouyan*

Cyber Informedness: A New Metric using CVSS to Increase Trust in Intrusion Detection Systems

*Robin Duraz, Julien Francq, David Espes, Sandrine Vaton*

Investigating the Availability of Child Sexual Abuse Materials in Dark Web Markets: Evidence Gathered and Lessons Learned

*Yichao Wang, Budi Arief, Virginia Franqueira, Anna Grace Coates, Caoilte Ó Ciardha*

HTTP Cyberattacks Detection through Automatic Signature Generation in multi-site IoT Deployments

*Agustín Walabonso Lara Romero, Juan Antonio Ternero Muñiz, Rafael Estepa Alonso, Antonio Estepa Alonso, Fernando Ruiz Robles, Jesús Díaz Verdejo*

Towards Detecting Anomalies in Log-Event Sequences with Deep Learning: Open Research Challenges

*Patrick Himler, Max Landauer, Florian Skopik, Markus Wurzenberger*

Towards detecting device fingerprinting on iOS with API function hooking

*Kris Heid, Vincent Andrae, Jens Heider*

Privacy Preserving Data Analysis with the Encode, Shuffle, Analyse Architecture in Vehicular Data Sharing

*Sascha Löbner, Christian Gartner, Frédéric Tronnier*

Robustness of Image-Based Malware Classification Models trained with Generative Adversarial Networks

*Ciaran O Reilly, Stephen O Shaughnessy, Christina Thorpe*

CLOUDOSCOPE: Detecting Anti-Forensic Malware using Public Cloud Environments

*Mordechai Guri*

ViSDM: A Liquid Democracy based Visual Data Marketplace for Sovereign Crowdsourcing Data Collection

*Venkata Satya Sai Ajay Daliparthi, Nurul Momen, Kurt Tutschku, Miguel De Prado*

DGA Detection Using Similarity-Preserving Bloom Encodings

*Lasse Nitz, Avikarsha Mandal*

Effect of Power Conversion Efficiency of the RF Energy Harvester on the Security and Data Rate of the Self-Sustainable IoT Devices

*Fariborz Lohrabi Pour, Dong Sam Ha*

Improving Covert Channel Bandwidth by Variable-Length Exponent Re-Coding in Floating-Point Representations

*Jörg Keller, Carina Heßeling*

Digital safety alarms - Exploring the understandings of the cybersecurity practice in Norwegian municipalities

*Alvhild Skjelvik, Arnstein Vestad*

Analysing the Impact of Gender Classification on Age Estimation

*Petra Grd, Ena Barčić, Igor Tomičić, Bogdan Okreša Đurić*

*COSH special session*

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Usability, Security, and Privacy Recommendations for Mobile Parental Control

*Vahiny Gnanasekaran, Katrien De Moor*

Cybercrime and Video Games: Exploring children's safety in the gaming environment

*Matteo Curcio*

Collaboration between parents and children to raise cybersecurity awareness

*Farzana Quayyum*

*CNACYS special session*

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Exploratory and Explanation-Aware Network Intrusion Profiling using Subgroup  
Discovery and Complex Network Analysis

*Martin Atzmueller, Sophia Sylvester, Rushed Kanawati*

RADAR: A TTP-based Extensible, Explainable, and Effective System for Network  
Traffic Analysis and Malware Detection

*Yashovardhan Sharma, Simon Birnbach, Ivan Martinovic*

*DP4I special session*

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Digital Energy Platforms Considering Digital Privacy and Security by Design Principles

*Ümit Cali, Marthe Fogstad Dyngre, Ahmed Idries, Sambheet Mishra, Ivanko Dmytro,  
Naser Hashemipour, Murat Kuzlu*

Cybersecurity and Digital Privacy Aspects of V2X in the EV Charging Structure

*Ümit Cali, Murat Kuzlu, Onur Elma, Osman Gazi Gucluturk, Ahmet Kilic, Ferhat  
Özgür Catak*

Cyber-physical Hardening of the Digital Water Infrastructure

*Ümit Cali, Ferhat Özgür Catak, Zsolt György Balogh, Rita Ugarelli, Martin Gilje  
Jaatun*

*Poster session*

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Older adults and tablet computers: Adoption and the role of perceived threat of cyber  
attacks

*Anže Mihelič, Igor Bernik, Simon Vrhovec*

Crypto-agile Design and Testbed for QKD-Networks

*Johanna Henrich, Andreas Heinemann, Martin Stiemerling, Fabian Seidl*

A Deep Learning-based Malware Traffic Classifier for 5G Networks Employing  
Protocol-Agnostic and PCAP-to-Embeddings Techniques

*Georgios Agrafiotis, Eftychia Makri, Antonios Lalas, Konstantinos Votis, Dimitrios  
Tzovaras, Nikolaos Tsampieris*

In Alice and Bob, I trust?

*Allison Wylde*