



Novel Approaches for Information Security in Complex Cyber-Physical Systems

Guest Editors:

Dr. Nelly Leligou

Prof. Dr. Theodore Zahariadis

Dr. Panagiotis Trakadas

Dr. Panagiotis A. Karkazis

Deadline for manuscript
submissions:

30 November 2024

Message from the Guest Editors

In this Special Issue, we aim to gather as many perspectives as possible on the security aspects of complex cyberphysical systems operating in different verticals such as critical infrastructures, climate change monitoring, health and wellbeing, logistics, crisis and disaster management, and others. We welcome articles that contribute grand visions, research outcomes, theory development, implementation experiences, and prototype experiments and results. Key areas of this Special Issue include but are not limited to:

- Blockchain technology application in real life use cases;
- Novel techniques for user-centric data access control;
- Distributed information security solutions;
- Security and privacy frameworks for federated systems;
- Evidence or intent-based threat detection and mitigation;
- Trust management in federated solutions;
- Situational awareness control in critical environments;
- Fake news detection;
- Implementation experiences, challenges, and evidence of all the above;
- Simulation and experiment results of systems embracing novel security and privacy techniques.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Willy Susilo

School of Computer Science and
Software Engineering, University
of Wollongong, Northfields
Avenue, Wollongong, NSW 2522,
Australia

Message from the Editor-in-Chief

The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

Information is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Ei Compendex](#), [dblp](#), and [other databases](#).

Journal Rank: CiteScore - Q2 (*Information Systems*)

Contact Us

Information Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/information
information@mdpi.com
[X@InformationMDPI](#)