

Special Issue

Cybersecurity and Privacy Issues in Cyber-Physical Systems and Industrial Control Systems

Message from the Guest Editors

Cyber-physical systems (CPS) are physical and engineered systems that interact with the physical environment. These systems, which vary in size, complexity and criticality, exist all around us in many forms. The primary aim of this Special Issue is to investigate novel methodologies, theories, technologies, techniques, processes, and solutions for CPS cybersecurity and privacy. Original research articles and reviews presenting innovative ideas, proof of concepts, use cases, and results from a variety of topics relevant to ICS and CPS are welcome. Topics addressed in the submissions include, but not limited to:

- Attacks and attack detection for CPS and ICS;
- Authentication and access control for CPS and ICS;
- Blockchain for CPS and ICS cybersecurity;
- Data security and privacy for CPS and ICS;
- Digital twin security for CPS and ICS;
- Embedded systems security;
- Formal methods for CPS and ICS cybersecurity;
- Incident Response and Digital Forensics for CPS and ICS;
- IoT and IIoT cybersecurity and privacy;
- Lightweight crypto technologies applied to CPS and ICS;
- Maritime CPS cybersecurity;
- ...

Guest Editors

Dr. Georgios Kavallieratos

Dr. Georgios Spathoulas

Dr. Marios Anagnostopoulos

Deadline for manuscript submissions

closed (15 March 2024)



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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

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