

Special Issue

Secure Issues in Wireless Cyber-Physical Systems

Message from the Guest Editor

In recent years, with advances in wireless communications technology, CPSs have come to rely on a variety of networking protocols, including 4G/LTE and 5G. The confluence of wireless communications with a CPS introduces a hybrid architecture that is vulnerable to a variety of threat vectors from cyber space. The aim of this Special Issue is to generate ideas and innovative solutions to the cyber security issues introduced in a wireless CPS environment. We encourage high-quality, original submissions that consider defensive strategies for cyber attacks in a wireless network. Both theoretical and experimental research will be considered. Topics of interest include, but are not limited to, the following areas:

- Techniques for securing 5G-based CPS;
- Privacy and authentication of wireless CPS;
- Machine learning driven approaches to secure wireless CPS;
- Machine learning driven approaches to secure cyber control systems;
- Secure wireless CPS architectures;
- Threat models for wireless CPS;
- Intrusion Detection in wireless CPS.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2025)



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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 guestedited by leading experts in selected topics of interest.

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