

Special Issue

Design and Evaluation of Secure Diagnosis and Control Benchmarks and Test-Scenarios for Cyber-Physical Systems

Message from the Guest Editors

Cyber-Physical Systems (CPS) integrate physical processes, computational resources, and communication capabilities. In this Special Issue, we invite authors to share their experience with the design of such benchmark cases and/or performing test scenarios of the developed algorithms.

- cyber-physical systems
- cloud computing
- industrial internet of things
- control as a service
- secure state estimation
- encrypted control
- cybersecurity
- fault-tolerant control
- resilient control
- cyber-attack detection
- cyber-attack mitigation
- industrial cyber-attack benchmarks

https://www.mdpi.com/journal/electronics/special_issues/design_evaluation_cyber-physical

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Deadline for manuscript submissions

closed (10 January 2022)



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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.

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JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Control and
Systems Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 16.8 days after
submission; acceptance to publication is undertaken in 2.6
days (median values for papers published in this journal in
the first half of 2024).