

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

Guest Editors

Dr. Jakub Mořaryn

Prof. Dr. Ramon Costa-Castelló

Dr. Matthew Bradbury

Deadline for manuscript submissions

closed (10 January 2022)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/si/77525](https://www.mdpi.com/si/77525)

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

[mdpi.com/journal/electronics](https://www.mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic 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 2.4
days (median values for papers published in this journal in
the first half of 2025).