

Special Issue

Blockchain for IoT and Cyber-Physical Systems

Message from the Guest Editors

This Special Issue will elaborate on and emphasize the key aspects of use of blockchain for IoT and CPS with a perspective of 5G and Beyond networks and will provide an opportunity for researchers across the globe to share their latest research on the focal theme of the issue.

Thus, researchers and engineers from academia and industry are invited to submit their recent high-quality results and innovations. The list of topics includes but is not restricted to the following:

- Novel theoretical concepts and applications of blockchain for IoT, CPS, and future ICT systems like 5G and Beyond
- Experimental evaluations of blockchain-based 5G-enabled IoT and CPS
- Lightweight protocols and algorithms for blockchains in IoT and CPS
- Security, privacy, and trust in and of blockchain enabled/augmented IoT and CPS
- Formal methods and modeling of blockchain enabled IoT and cyberphysical systems
- Blockchain based security frameworks for 5G/6G IoT and CPS
- Service-oriented blockchains in IoT and CPS, Smart contracts and chain codes
- Testbeds, simulation techniques, frameworks, and debugging tools related to blockchain for IoT and CPS

Welcome to contribute.

Guest Editors

Dr. Gürkan Gür

Prof. Dr. Samia Bouzefrane

Prof. Dr. Madhusanka Liyanage

Dr. Soumya Banerjee

Deadline for manuscript submissions

closed (31 January 2022)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/54856

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

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