

Special Issue

Blockchain Technology and Distributed Applications (DApps)

Message from the Guest Editor

The Special issue topics include but are not limited to the following areas, welcome to contribute:

- Blockchain applications for healthcare systems
- DLT protocols for medical device regulations and standardization, including SaMD;
- Blockchain in the area of the energy sector;
- Blockchain and DLT mechanism for Internet of Things and embedded devices;
- Blockchain and 5G-enabled Internet of Things;
- DLT and the fintech Industry;
- Blockchain role for security and privacy in communication networks;
- Blockchain and its scalability and consensus protocols;
- Blockchain suitability for low-power devices and infrastructures;
- DLT for real-time monitoring systems for air pollution and climate change;
- Blockchain and AI-based applications;
- Blockchain-based smart contracts and DApps;
- Blockchain for tracking and traceability for the supply chain industry;
- Peer-to-peer energy trading systems;
- Blockchain for smart grid;
- Blockchain and DLT role in mitigating diseases such as COVID-19;
- Blockchain role in the COVID-19 vaccination process.

Guest Editor

Dr.  Asma Khatoun

Department of Electronic and Computer Engineering, University of Limerick, V94 T9PX Limerick, Ireland

Deadline for manuscript submissions

closed (20 October 2023)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/92736

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 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), CAPus /
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).