



Innovative Systems and Solution in Healthcare Based on AI, Blockchain and IoT

Guest Editors:

Dr. Andrea Zingoni

Department of Economics,
Engineering, Society and
Business Organization, University
of Tuscia, 01100 Viterbo, Italy

Dr. Gianluca Bonifazi

Department of Information
Engineering (DII), Polytechnic
University of Marche, 60131
Ancona, Italy

Deadline for manuscript
submissions:
closed (15 October 2025)

Message from the Guest Editors

Dear Colleagues,

The integration of blockchain technology in healthcare offers transformative potential, addressing critical issues related to security, transparency, and efficiency in managing medical data and operations. Existing solutions have already demonstrated blockchain's capability to enhance data security, improve interoperability, and streamline several processes. This has made such a technology more and more pervasive in medical practice.

Topics of interest include, but are not limited to, the following:

- Management of health IoT systems;
- Decentralized healthcare systems and telemedicine solutions;
- Secure and interoperable electronic health records (EHRs);
- Patient data privacy and consent management;
- Clinical trials and research data integrity;
- Supply chain management for pharmaceuticals and medical devices;
- Smart contracts for insurance claims and billing processes.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://x.com/electronicsMDPI)