

Special Issue

Recent Advances in Next-Generation 6G Wireless Networks

Message from the Guest Editors

Wireless communication technologies continue to develop to meet the growing demand for higher data rates, low latency, and reliable connectivity. Following 5G, research is moving toward 6G wireless systems, expected to support services such as large-scale IoT, intelligent transportation, and immersive communication. Recent research explores technologies to improve performance and efficiency. This Special Issue focuses on recent advances in 6G wireless networks and welcomes related studies. Topics of interest include, but are not limited to, the following:

- Convergent architecture technologies for 6G wireless networks;
- 5G interworking integration and 6G;
- Global hybrid coverage in integrated NTN satellite communications.
- Spectrum management and high-frequency communications;
- Native artificial intelligence and machine learning for wireless networks;
- Integrating sensing and communication technologies;
- Energy-efficient wireless communication systems;
- Security and privacy in next-generation wireless networks;
- 3GPP study phases, standardization, initial trials and technical specifications;
- Applications of 6G immersive communication, massive IoT, Smart Cities and intelligent transportation.

Guest Editors

Prof. Dr. Zoran S. Bojković

Faculty of Transport and Traffic Engineering, University of Belgrade, Studentski Trg 1, 11 000 Belgrade, Serbia

Dr. Vladan Pantović

Faculty of Project and Innovation Management, Educons University, 11000 Belgrade, Serbia

Deadline for manuscript submissions

15 October 2026



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/276506

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 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).