

Special Issue

Emerging Technologies for 6G Intelligent Wireless Communications

Message from the Guest Editors

Recently, the breakthrough in novel algorithms, fundamental theories, and hardware technologies have enabled the emerging intelligent wireless communications, achieving high energy efficiency and intelligent applications. Prospective authors are invited to submit original manuscripts on topics that include, but are not limited to, the following:

- Signal processing algorithms for the design of intelligent wireless communications;
- AI-driven algorithm for intelligent wireless communications;
- Modelling and estimation of channel measurements for intelligent wireless communications;
- Experimental/theoretical evaluation of transceivers for intelligent wireless communications;
- Optimization of intelligent wireless communications;
- Intelligent wireless communications for integrated communications and sensing;
- Cooperative signal processing for intelligent wireless communications;
- Resource allocation, medium access control, and scheduling for intelligent wireless communications;
- Compatibility of intelligent wireless communications with other key 5G/6G technologies.

Guest Editors

Dr. Chongwen Huang

Dr. Li Wei

Dr. Tierui Gong

Deadline for manuscript submissions

closed (15 July 2024)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/193940

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).