

Special Issue

Future Internet Circuits and Systems: Bridging Communication, Sensing and AI

Message from the Guest Editors

The transition towards 6G and beyond is driving unprecedented demand for advanced circuits and systems that can support a new era of intelligent, energy-efficient and immersive wireless connectivity.

This Special Issue aims to bring together cutting-edge research focused specifically on circuits and systems underpinning next-generation wireless networks. These wireless networks require the seamless integration of communication and sensing capabilities, support for AI-native operations at the edge and ultra-low power consumption to meet the stringent requirements of IoT scalability and sustainability.

We welcome high-quality original research and review articles focused on circuits and systems. Contributions may address (but are not limited to) the following topics:

- Millimetre-wave/sub-THz hardware for 6G and beyond.
- AIoT.
- Integrated communications and sensing.
- AI-centric wireless and architectures.
- IoS applications, e.g., haptic and audio-visual processing.
- Digital twin support and sensory data emulation.

Guest Editors

Dr. Jaswinder Lota

School of Architecture, Computing and Engineering, University of East London, London E16 2RD, UK

Dr. Seyed Ali Ghorashi

Department of Computer Science & Digital Technologies, School of Architecture, Computing and Engineering, University of East London, London E16 2RD, UK

Deadline for manuscript submissions

15 January 2026



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/246463

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).