

Special Issue

Electronics Technologies for Digital Transformation, Sustainable Development and Green Transition

Message from the Guest Editor

Electronics play a major role in the modern world, serving as a key tool in the realization of the digital transformation, the sustainable development of the economy and societies, and the green transition. In this sense, the main highlights of this Special Issue are as follows:

- Digital transformation: Electronics are at the heart of the development of smart devices, communication technologies and information systems
- Sustainable development: Electronics also aid in sustainable development by improving the energy efficiency of various devices and systems;
- Green transition: Electronics are a critical component in the green transition, supporting the development and deployment of renewable energy technologies such as solar panels, fuel cells and wind turbines;
- Transportation Innovation: Electronics are aiding in the development of cleaner and more efficient means of transportation, such as electric and hybrid cars;
- Smart agriculture and resource management: Electronics support the development of smart solutions in agriculture.

Guest Editor

Dr. Nikolay Hinov

Faculty of Computer Systems and Technologies, Department of Computer Systems, Technical University in Sofia, 8 Ohridski Blvd., 1000 Sofia, Bulgaria

Deadline for manuscript submissions

closed (15 July 2025)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/197900

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 16.8 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).