

Special Issue

Smart Embedded Systems and Applications

Message from the Guest Editors

This Special Issue covers a wide range of challenges, technologies and state of the art for the design, development and realization of these smart and complex embedded systems and their applications. Topics include but are not limited to:

- Real-time embedded system;
- Eco-friendly embedded systems
- Connected embedded system;
- Synchronous programming for embedded systems;
- Co-design hardware/software for embedded systems;
- Multi-core and system-on-chip (SoC) architectures and programming;
- Blockchain based security for embedded systems;
- Verification and validation of embedded systems;
- Virtual prototyping and simulation of embedded systems;
- Quality assessment and modeling of embedded systems;
- Model-based safety assessment of embedded systems;
- Process development of embedded systems;
- Use, interests and risks of AI for embedded systems;
- Systems engineering deployment for the development of embedded systems;
- Model-based systems engineering for embedded applications;
- Applications of embedded systems in energy, Industry 4.0, aerospace, space, drone, automotive, medicine;

Guest Editors

Prof. Dr. Saad Motahhir

École Nationale des Sciences Appliquées, Sidi Mohamed Ben Abdellah University, Fez BP 72, Morocco

Prof. Dr. Claude Baron

Laboratory for Analysis and Architecture of Systems (LAAS-CNRS), Institute of Higher Education and Research (INSA), Université de Toulouse, 31031 Toulouse, France

Deadline for manuscript submissions

closed (15 August 2021)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/80540

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).