

Special Issue

New Advances in Embedded Software and Applications

Message from the Guest Editors

Electronics invites academic and industry researchers to submit their original work to this Special Issue titled “New Advances of Embedded Software and Applications”. The demand for smarter, energy-aware, and fast-processing embedded systems has significantly increased across various domains—from automotive, Internet of Things (IoT), and smart city applications to healthcare and industrial automation. In addition, secure embedded systems play a vital role in safeguarding sensitive data and ensuring the integrity of operations in connected environments. This Special Issue aims to explore the latest innovations and trends in embedded systems, software development, and their emerging applications. We encourage novel and groundbreaking contributions that address critical challenges and push the boundaries of what embedded systems can achieve in our increasingly connected and big data world.

Guest Editors

Dr. Lina Sawalha

Department of Electrical and Computer Engineering, Western Michigan University, Kalamazoo, MI 49007, USA

Dr. Simin Masihi

Department of Electrical and Computer Engineering, Western Michigan University, Kalamazoo, MI 49007, USA

Deadline for manuscript submissions

15 August 2025



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/219121

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), 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).