

Special Issue

Recent Advances in Embedded Computing, Intelligence and Applications

Message from the Guest Editors

The latest proliferation of Internet of Things deployments and edge computing combined with artificial intelligence has led to new exciting application scenarios, where embedded digital devices are key enablers of such ecosystems. Moreover, new powerful and efficient devices are appearing to cope with workloads formerly reserved for the cloud, such as deep learning, processing close to where data is being generated, and avoiding bottlenecks due to communications limitations. In this Special Issue, we look forward to present new works on offloading processing tasks from the cloud to the edge with the new devices available in the market nowadays, including neural accelerators, FPGAs, and embedded processors with AI enhancements. Application papers showing implementations and deployments in this context are very welcome as well.

- Artificial intelligence in the edge
- Neural processors in edge platforms
- Artificial intelligence in IoT
- Deep learning in the edge
- Edge computing in embedded electronics
- Machine Learning in IoT devices
- Machine learning applications in the edge

Guest Editors

Prof. Dr. Jorge Portilla
Prof. Dr. Andres Otero
Prof. Dr. Gabriel Mujica

Deadline for manuscript submissions

closed (31 December 2020)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/29135

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).