

Special Issue

High-Performance Embedded Computing

Message from the Guest Editors

In the past, there was only one computing machine, a personal computer, in each home. However, now, each individual has at least one computing device such as a smartphone, tablet, and/or wearable device. Moreover, we will face the era of the IoT (Internet of Things) shortly, and the number of computing devices will increase exponentially. In this context, an important challenge for developers in the embedded systems domain is to meet non-functional requirements, such as execution time, memory capacity, and energy consumption based on their characteristics. Therefore, embedded engineers should consider and then evaluate different solutions to optimize the performance of a system. In this Special Issue, we are particularly interested in the latest innovative contributions to the design, development, and applications of novel high-performance embedded systems.

Guest Editors

Dr. Yohan Ko

Prof. Dr. George K. Adam

Dr. Gwanggil Jeon

Deadline for manuscript submissions

closed (15 August 2023)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.3



mdpi.com/si/124096

Electronics

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 5.3



[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 (Physics, Applied) / CiteScore - Q2 (Control and
Systems Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 16.4 days after
submission; acceptance to publication is undertaken in 2.4
days (median values for papers published in this journal in
the second half of 2024).