

Special Issue

Cloud Computing and Applications, Volume II

Message from the Guest Editor

Tens of years of progress made the long-sought vision of cloud computing possible. While new and powerful services emerge, citizens and companies struggle to understand their complex pricing schemes and avoid the lock-in they bring along. At the same time, companies should be able to retain data on premises, or explore different providers, in hybrid and multi-cloud systems. Problems for providers include downtime, data losses, and data breaches, which force them to replicate data and services, while keeping privacy.

This special issue aims at publishing high-quality manuscripts covering new research on topics related to cloud computing, including the following:

- Cloud applications
- Cloud architecture
- Virtualization, containerization and container orchestration
- Public, private and hybrid clouds
- Interoperability and portability
- Microservices
- Observability and monitoring of distributed systems
- Security and privacy
- Reliable operation
- Efficient operation

Guest Editor

Prof. Dr. Filipe Araujo

Department of Informatics Engineering, University of Coimbra, 3004-531 Coimbra, Portugal

Deadline for manuscript submissions

closed (31 January 2023)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/77957

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), CAPus /
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).