

## Special Issue

# Contributions of Advanced Networking and Cloud Computing to Leverage Regional Development

### Message from the Guest Editors

Cloud computing has become a point of reference in the implementation of highly complex applications that require massive data processing capacity and storage. The consolidation of high-speed and low-latency networks such as 5G, the Internet of Things (IoT) and the use of technologies based on Artificial Intelligence (AI) will increasingly transform societies and businesses. This reality will decisively influence both business processes and people's lives. Many regions, especially those that are more isolated and less developed, will be able to take advantage of this reality as a means to leverage their development and to easily connect to the globalized world. Some examples of applications are agriculture, smart cities, energy production and tourism, but also development opportunities, such as remote work and education. This Special Issue aims to collect new developments, methodologies, algorithms, best practices, and applications in advanced networking and cloud computing. We welcome submissions that provide the community with the most recent advancements in all aspects of networking and cloud computing, in different areas of application.

---

### Guest Editors

Dr. Carlos Rompante Cunha  
Dr. Emanuel Peres  
Dr. Grzegorz Słowiński

---

### Deadline for manuscript submissions

closed (15 April 2025)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/126415](https://mdpi.com/si/126415)

*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto: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 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).