

## Special Issue

# Advancements in Edge and Cloud Computing for Industrial IoT

### Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Deployment and optimization of edge solutions in mission-critical environments.
- Tactical cloudlets hosted on vehicles or platforms, enabling computational offloading, data filtering, and mission support at the edge.
- Frameworks, architectures, and systems enabling the cloud-edge continuum in IIoT.
- Techniques and solutions for reducing latency and improving energy efficiency in IIoT.
- Opportunistic edge computing and strategies to offload resource-intensive computations to external resources to enhance device capabilities in industrial and mission-critical environments.
- Security and privacy concerns, with a focus on safeguarding sensitive data and mission-critical information.
- Use of UAVs or UGVs for IIoT.

We look forward to receiving your contributions.

---

### Guest Editors

Dr. Paula Fraga-Lamas

Dr. Tiago M. Fernández-Caramés

Dr. Sérgio Ivan Lopes

---

### Deadline for manuscript submissions

16 December 2025



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/235744](https://mdpi.com/si/235744)

*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), 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).