

## Special Issue

# Applications of Sensor Networks and Wireless Communications

### Message from the Guest Editors

Advancements in sensor networks and wireless communication have transformed numerous industries, opening up new avenues for collecting, analyzing, and communicating data in a wide range of settings. This Special Issue is dedicated to exploring the extensive array of applications for sensor networks and wireless communication systems, highlighting their profound influence across various fields.

We would like to invite researchers and practitioners to contribute their research outcomes in the area of the applications of sensor networks and wireless communication technologies. This special issue aims to explore into the multifaceted landscape of sensor networks and wireless communication applications, shedding light on innovative solutions, challenges, and future directions. Topics of interest include, but are not limited to, the following:

- Smart cities;
- Healthcare monitoring;
- Environmental sensing;
- Agricultural monitoring;
- Infrastructure monitoring;
- Smart industry;
- Smart transportation;
- Security and surveillance;
- Wildlife conservation.

---

### Guest Editors

Dr. Rajan Kadel

Dr. Samar Shailendra

Dr. Assefa Kassa Teshome

---

### Deadline for manuscript submissions

closed (15 June 2025)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/204959](https://mdpi.com/si/204959)

*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 16.8 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).