

## Special Issue

# Intelligent Sensing and Computing in Wireless Networks

### Message from the Guest Editors

Wireless networks are foundational to modern communication, supporting diverse applications from mobile communications to the Internet of Things (IoT). The integration of intelligent sensing and computing techniques is crucial for enhancing these networks' capabilities, efficiency, and reliability. This Special Issue focuses on cutting-edge research and innovative methodologies that leverage advanced sensing and computational intelligence to address contemporary challenges in wireless networks. We welcome contributions that provide new insights into sensor development, machine learning, and AI applications for network optimization, distributed and edge computing paradigms, energy-efficient solutions, and the security and privacy of intelligent wireless networks.

### Guest Editors

Dr. Jiankang Ren

Prof. Dr. Wei Jiang

Dr. Jinmiao Song

### Deadline for manuscript submissions

15 December 2025



## Sensors

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.5**  
**CiteScore 8.2**  
**Indexed in PubMed**



[mdpi.com/si/212179](https://mdpi.com/si/212179)

*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)





# Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)



## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

---

### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

#### Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)