

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

closed (15 December 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/212179

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 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)