

Topical Collection

Intelligent Wireless Networks

Message from the Collection Editors

The goal of this Special Issue is to publish the most recent results in the development of intelligent wireless networks and their emerging applications. Researchers and practitioners working in this area are expected to take this opportunity to discuss and express their views on the current trends, challenges, and state-of-the-art solutions addressing various issues in intelligent wireless networks, ranging from architecture and communication models to specific algorithms and security aspects. The topics of interest include, but are not limited to:

- Edge/fog computing and architectures;
- Sensor networks and ad-hoc communication;
- Wireless real-time computing;
- High-speed communication systems;
- Embedded systems;
- Cyber-physical systems;
- Machine learning for wireless networks;
- Decision-making for wireless networks;
- Data mining in wireless networks
- Trust and reputation in wireless networks;
- Security aspects in wireless networks;
- Emerging applications: IoT, smart cities, smart agriculture, ambient assisted living, Big Data analytics;
- Applications in medicine (wireless body area networks) and situation awareness (evacuation systems, indoor monitoring).

Collection Editors

Prof. Dr. Joanna Kolodziej

NASK, ul. Kolska 12, 01-045 Warsaw, Poland

Prof. Dr. Florin Pop

Department of Computer Science and Engineering, University Politehnica of Bucharest / National Institute for Research and Development in Informatics – ICI Bucharest, 060042 Bucharest, Romania

Prof. Dr. Katarzyna Węgrzyn-Wolska

Efrei Research Lab, Efrei Paris Panthéon-Assas Université, 30-32 av. de la République, 94800 Villejuif, France



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/52647

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)