

Special Issue

Sensor Signal and Information Processing IV

Message from the Guest Editors

The focus of the Special Issue will be on a broad range of sensors, signals, and information processing involving the introduction and development of new advanced theoretical and practical algorithms. Potential topics include, but are not limited to the following:

- Biomedical signal processing and instrumentation
- Pattern recognition and analysis
- Machine learning for signal and image processing
- Multimodality sensor fusion techniques
- Compressed sensing and sparsity aware processing
- Data science and analytics for big data
- Deep learning: theory, algorithms, and applications
- Multi-objective signal processing optimization
- Multimodal information processing for healthcare, monitoring, and surveillance
- Computer vision and 3D reconstruction with multimodal data fusion
- Wearable sensors and IoT for personalized health monitoring and social computing
- Non-destructive testing and evaluation for material characterization, structural integrity, defect detection and identification, and stress and lifecycle assessment
- Signal processing for smart grid, load forecasting, and energy management
- Precision farming combining sensors and imaging with real-time data analytics

Guest Editors

Prof. Dr. Wai Lok Woo

Department of Computer and Information Sciences, Northumbria University, Newcastle upon Tyne, UK

Prof. Dr. Bin Gao

School of Automation Engineering, University of Electronic Science and Technology of China, Chengdu 610056, China

Deadline for manuscript submissions

closed (31 January 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/72189

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

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)