

Special Issue

Target Detection, Tracking and Identification Using Multi-Sensor Systems—2nd Edition

Message from the Guest Editors

Potential topics of interest include, but are not limited to, the following:

- Efficient multi-sensor signal and data processing methods.
- Cognitive sensing and learning methods for multi-sensor systems.
- Sensor management and resource-aware design for target detection, localization, and tracking using multi-sensor systems.
- Multi-sensor data clustering, flooding, fitting, and learning.
- Artificial intelligence approaches to multi-sensor target detection, tracking, and identification.
- Distributed MIMO and multi-static radar systems.
- Joint sensor registration/control and target tracking in multi-sensor systems.
- Out-of-sequence measurements and tracks in multi-sensor multi-target systems.
- Measures of performance for multi-sensor multi-target systems.
- Heterogeneous data fusion for autonomous systems (e.g., radar-Lidar-camera fusion).
- Cooperative sensing and networking for integrated sensing and communication (ISAC).
- Multi-platform sensor fusion (e.g., airborne, spaceborne, terrestrial).
- Multi-target tracking in dense and dynamic environments.
- Human-centric sensing and activity recognition using multi-sensor data.
- AI-driven multi-sensor systems for intelligent target detection and scene analysis.

Guest Editors

Prof. Dr. Wei Yi

Prof. Dr. Xiansheng Guo

Dr. Ye Yuan

Dr. Wujun Li



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/261597

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 9.4
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)