

Special Issue

Intelligent Multi-Sensor Fusion for IoT Applications

Message from the Guest Editor

Intelligent multi-sensor fusion is a pivotal technology in the realm of IoT applications. It involves the integration of data from various sensors to create a unified and coherent picture of the observed environment. This approach enhances the accuracy, reliability, and robustness of data interpretation, making it invaluable for critical applications such as smart cities, environmental monitoring, and healthcare. By employing sophisticated algorithms and machine learning techniques, intelligent multi-sensor fusion enables the seamless combination of diverse data sources, facilitating real-time decision-making and predictive analytics. As IoT continues to expand, the importance of efficient sensor data fusion becomes increasingly evident, promising to revolutionize how we interact with and understand our surroundings.

Guest Editor

Dr. Sara Saeedi

Department of Geomatics Engineering, University of Calgary, Calgary, AB T2N 1N4, Canada

Deadline for manuscript submissions

20 December 2025



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/215216

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)