

Special Issue

IMU and Innovative Sensors for Healthcare

Message from the Guest Editors

The proposed Special Issue *IMU and Innovative Sensors for Healthcare* is focused on new IMU and sensors, measurement techniques and their applications in healthcare. Recent technologies offer innovative solutions to modernize health care and meet demands at a low cost. They represent novel solutions to several relevant challenges in healthcare, such as an early detection of pathologies, a minimally invasive management and prevention of high-burden diseases, the improvement of people's ability to self-manage their health and wellbeing, the ability to alert healthcare professionals to changes in their condition and to support adherence to prescribed intervention. A variety of compact wearable sensors that are widely available today have allowed researchers and clinicians to pursue applications whereby individuals are monitored not only in clinical settings, but also in home and community settings with different applications. We invite original research papers and review articles aimed at proposing wearable technology for healthcare, methods for sensor signal processing and new approaches to analyzing biomedical signals. For more details, please visit [here](#).

Guest Editors

Dr. Paolo Capodaglio

Ospedale San Giuseppe, Istituto Auxologico Italiano, IRCCS, Strada Luigi Cadorna 90, 28824 PIANCAVALLO, VB, Italy

Dr. Veronica Cimolin

1. Department of Electronics, Information and Bioengineering (DEIB), Politecnico di Milano, Piazza Leonardo da Vinci 32, 20133 Milano, Italy
2. Istituto Auxologico Italiano, IRCCS, S. Giuseppe Hospital, 28824 PIANCAVALLO, Italy

Deadline for manuscript submissions

25 March 2026



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/192200

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)