

Special Issue

IoT and Sensor Technologies for Healthcare

Message from the Guest Editors

The rapid advancement of the Internet of Things (IoT) and sensor technologies is transforming healthcare, enabling innovative solutions for patient monitoring, diagnostics, and personalized treatment. These technologies facilitate real-time data collection, seamless connectivity, and intelligent analytics, enhancing clinical decision-making and improving patient outcomes. From wearable devices tracking vital signs to smart implants and remote health monitoring systems, the IoT and sensors are revolutionizing how healthcare is delivered, making it more proactive, efficient, and accessible. This Special Issue explores cutting-edge developments in IoT and sensor technologies tailored for healthcare applications. It highlights advancements in sensor design, data integration, security, and interoperability, addressing challenges such as privacy, scalability, and regulatory compliance. Contributions in this issue showcase novel frameworks, case studies, and interdisciplinary approaches that drive the future of connected healthcare, fostering innovations that bridge technology and patient care.

Guest Editors

Dr. Zaib Ullah

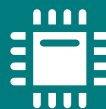
Artificial Intelligence & Robotics Laboratory, Giustino Fortunato University, 82100 Benevento, Italy

Dr. Muddasar Naeem

Research Center on ICT Technologies for Healthcare and Wellbeing, Università Telematica Giustino Fortunato, 82100 Benevento, Italy

Deadline for manuscript submissions

15 December 2025



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

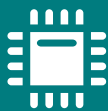


mdpi.com/si/239400

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)