

## Special Issue

# Wearable Sensors and Internet of Things for Biomedical Monitoring

### Message from the Guest Editors

The study and implementation of increasingly miniaturized sensors have led the development of wearable devices connected to Internet, which can be used to monitor ubiquitously physiological parameters and activities, including medical procedures, in several kinds of situations and environments.

The technological advances in wearable sensors, network communication, and data sciences led to the conception of the Internet of Biomedical Things (IoBT) and to the exploration of several possible applications of physical and chemical sensors, ranging from telemedicine intelligence to telerobotics for surgical assistance, from ambient assisted living to cognitive coaching.

This Special Issue, titled "Wearable Sensors and Internet of Things for Biomedical Monitoring", intends to explore the scientific-technological frontier that underlies the optimal solution of the above-mentioned problems, while involving the development and use of innovative sensors and smart methods for the interpretation of data and scenarios.

---

### Guest Editors

Dr. Massimo Martinelli  
Dr. Davide Moroni  
Prof. Dr. Aleš Procházka

---

### Deadline for manuscript submissions

closed (30 September 2024)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/104172](https://mdpi.com/si/104172)

*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto: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  
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)