

## Special Issue

# Wearable/Wireless Body Sensor Networks for Healthcare Applications

### Message from the Guest Editors

This Special Issue calls for research contributions on wearable platforms, integrating human physical and physiological parameter biosensors and sensor networks. Smart signal processing and machine learning methods, together with advanced communication strategies, enable the use of the remarkable amount of data gathered from convergent integrated sensors for lifestyle and healthcare applications.

- wearable electronics
- smart, autonomous sensing platform
- multifunctional wireless-connected platform
- body sensor network
- physical and physiological parameter sensing
- zero-power consumption
- lifestyle and healthcare prevention, monitoring, and follow-up
- smart signal processing
- machine learning
- advanced communication strategies

The scientific advisory board of this Special Issue is composed of the following: Dr. Francesco Bellando, Dr. Ivan Mazzetta, and Dr. Alessandro Zompanti.

---

### Guest Editors

Prof. Dr. Fernanda Irrera

Department of Information Engineering, Electronics and Telecommunications, Sapienza University of Rome, Rome, Italy

Prof. Dr. Adrian Ionescu

Ecole Polytechnique Fédérale Lausanne, Lausanne, Switzerland

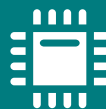
Prof. Dr. Marco Santonico

Department of Science and Technology for Humans and the Environment, Campus Bio-Medico University of Rome, 00128 Rome, Italy

---

### Deadline for manuscript submissions

closed (31 January 2021)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/45751](https://mdpi.com/si/45751)

*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

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)