

## Special Issue

# Wearable Devices and Sensors for Innovative Monitoring Systems in the 4.0 Era (Volume II)

### Message from the Guest Editors

This Special Issue is a continuation of our previous Special Issue, “Wearable Devices and Sensors for Innovative Monitoring Systems in the 4.0 Era”. The concept of the 4.0 Era relies on several enabling technologies, such as the Internet of Things (IoT), and especially on the acquisition and processing of data gathered from sensors and systems. These sensors must allow monitoring not only the operating environment i.e., machineries, workflow, digital paper trails, but also the people who operate in it. In this regard, a major research challenge still remains—the need to facilitate a seamless interaction of the people/users with the sensory environment and with the IoT infrastructure, possibly without compromising the user’s comfort and activities. In such a context, wearable sensors and monitoring systems represent the best candidates to facilitate this process and may become the new interface between the “real” and the digital world. With these considerations in mind, the present Special Issue welcomes research contributions focused on innovative wearable devices and sensing solutions for monitoring systems in the 4.0 Era.

---

### Guest Editors

Prof. Dr. Leopoldo Angrisani  
Dr. Annarita Tedesco  
Dr. Egidio De Benedetto

---

### Deadline for manuscript submissions

closed (25 August 2024)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/170683](https://mdpi.com/si/170683)

*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)