



*sensors*



an Open Access Journal by MDPI

## Advances in Design and Integration of Wearable Sensors for Ergonomics

Guest Editors:

**Prof. Dr. Nicola Francesco Lopomo**

**Dr. Carlo Emilio Standoli**

**Dr. Paolo Perego**

**Prof. Dr. Giuseppe Andreoni**

Deadline for manuscript submissions:

**closed (28 February 2022)**

### Message from the Guest Editors

This Special Issue “Advances in the Design and Integration of Wearable Sensors for Ergonomics” aims to highlight several of the latest developments in this specific field. Both research papers and review articles will be considered. We welcome submissions spanning topics across the design of novel sensors or wearable technologies and the development of any novel methodology aiming to integrate quantitative physiological and environmental information for those that are the main goals of the ergonomics.

**Keywords:** Wearable devices and systems; Wearable for ergonomics; Activity monitoring devices and systems; Novel methods and systems for integrated ergonomic assessment; Sensors for wellbeing; Novel design approaches for ergonomic assessment; Machine learning and deep learning for wearable data analysis; Experiment design; Autonomous activity recognition; Monitoring human-environment interaction; mHealth and/or eHealth solutions for ergonomics; Smart glasses, wearable imaging, projection devices; Virtual reality and/or augmented reality and/or mixed reality; Ergonomics knowledge representation and reasoning; Health data acquisition, analysis and mining.



[mdpi.com/si/48681](https://mdpi.com/si/48681)

**Special** Issue



*sensors*



an Open Access Journal by MDPI

## 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

## 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.

## 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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

## Contact Us

---

*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)