

## Special Issue

# Advanced Sensors/Devices for Ambient Assisted Living

### Message from the Guest Editor

The main aim of this Special Issue is to offer a forum that facilitates professional exchange of knowledge related to assistive technologies (AT).

The scope of this Special Issue covers aspects ranging from fundamental research to all kinds of advanced technologies and applications. Submissions are welcomed on:

- Overview of state-of-the-art on solutions in the field of "Ambient Assisted Living", with particular regard to wellbeing and active aging
- Innovative sensors for AT
- Smart multisensor systems for AT
- Wireless (body area) sensor networks and for AT
- Robotics for AT
- Measurement methodologies, algorithms, and advanced signal processing for AT
- AI, predictive analytics, and decision-making
- Applications, such as activity daily living monitoring, fall detection, postural instability assessment, habit monitoring
- Design of new material, circuits and systems, and presentation of the recent research advances in the field

---

### Guest Editor

Dr. Bruno Ando

Department of Electric, Electronic and Information Engineering (DIEEI),  
University of Catania, Catania, Italy

---

### Deadline for manuscript submissions

closed (31 May 2023)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.0  
CiteScore 9.4  
Indexed in PubMed



[mdpi.com/si/60190](https://mdpi.com/si/60190)

*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 4.0  
CiteScore 9.4  
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)