

## Special Issue

# Sensors for Posture and Human Motion Recognition

### Message from the Guest Editors

This Special Issue will cover a wide range of topics around human posture and motion, including new sensor technologies to capture posture and motion; new algorithmic approaches to derive, analyze, and recognize posture and motion from sensor data; and all combinations of these techniques. Keywords:

- wearable devices
- inertial sensors
- hybrid systems
- sensor data fusion
- hybrid modeling approaches
- temporal segmentation of motions
- action classifications from sensor data

---

### Guest Editors

Prof. Dr. Björn Krüger

Faculty of Information, Media and Electrical Engineering, Institute of Media and Imaging Technology, TH Köln, Köln, Germany

Prof. Dr. Andreas Weber

Institute for Computer Science, Bonn University, Endenicher Allee 19A, D-53115 Bonn, Germany

---

### Deadline for manuscript submissions

closed (31 December 2020)



## Sensors

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.5**  
**CiteScore 8.2**  
**Indexed in PubMed**



[mdpi.com/si/33873](https://mdpi.com/si/33873)

*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)