

Special Issue

Wearable Sensors for Human Motion Analysis

Message from the Guest Editors

In this context, this Special Issue aims to connect researchers in the field of emerging wearable sensor-based systems for human motion applications, focusing on postural and gait analysis, in order to share ideas and conceptual approaches and to discuss the recent advances in this field, addressing innovative solutions and emerging issues. Research detailing experimental validation in relevant scenarios are encouraged. We will accept full-length research articles and reviews focused on this research topic. Topics of interest include, but are not limited to, the following:

- Posture and gait analysis;
- Human daily motion analysis;
- Gait analysis of elderly and disabled people;
- Home care motion sensing and analysis;
- Wearable sensors and related techniques for medical decision making;
- Wearable sensors and related techniques for motor diagnosis;
- Wearable sensors and related techniques for human gait recognition;
- Sensing technologies for ambulatory human motion analysis;
- Advanced sensor signal processing;
- Health monitoring systems;
- Industry-related wearable sensors;
- Innovative applications of wearable sensor systems.

Guest Editors

Dr. Cristina P. Santos

Center for MicroElectroMechanical Systems (CMEMS), University of Minho, 4710-057 Braga, Portugal

Dr. Joana Figueiredo

Postdoctoral researcher, Center for MicroElectroMechanical Systems (CMEMS), University of Minho, Minho, Portugal

Deadline for manuscript submissions

closed (20 June 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/37466

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)