

Special Issue

Human-Centric Sensing Technology and Systems: 2nd Edition

Message from the Guest Editors

Human-centric sensing plays a crucial role in the domains of smart home and office environments, including safety protection, well-being monitoring/management, healthcare, and smart appliance interaction. Various physical or physiological sensors are interconnected and designed to sense a broad spectrum of contexts for human beings, laying the foundation of pervasive computing. However, sensor technologies have several limitations relating to their deployment cost, usability, and adherence, which render them unacceptable for practical application. We encourage the submission of papers addressing physical models, technologies, and applications of human-centric sensing. Original research contributions, tutorials, case studies, and review papers are also welcome. Manuscripts should provide content that is accessible to general audiences working in the field of sensing systems. Topics of interest for this Special Issue include (but are not limited to) the following:

- Human-centric wireless signal analytic model;
- Activity recognition;
- Gesture detection and recognition;
- Vital signs monitoring;
- Localization and tracking

Guest Editors

Prof. Dr. Feng Hong

Dr. Jiadi Yu

Dr. Yan Wang

Deadline for manuscript submissions

closed (28 February 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/184317

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)