

Special Issue

Smart Sensing Technologies for Human-Centered Healthcare: Research and Applications

Message from the Guest Editors

Smart sensing technologies, including wearable sensors, ambient sensors, and smartphone sensor modalities, have been receiving increased research and commercial attention over the last 5–10 years. Indicatively, wearables are now already a strong multi-billion dollar industry, and along with smartphone apps, have been widely embraced by the public to keep track of fitness and health aspects. Similarly, other sensing modalities, including ambient sensing, can be used in innovative ways to inform healthcare provision and have enormous potential in transforming contemporary healthcare delivery. This Special Issue will focus on sensing technologies for healthcare to provide a state-of-the-art forum to report on both algorithmic-focused and application-focused papers, following the organization of the 2022 Pervasive Computing Technologies for Healthcare conference. We invite extensions of some of the best works presented at the conference (authors need to ensure there is at least 50% new content compared to the conference paper), along with papers submitted within the open call, taking also into account the target audience of *Sensors*.

Guest Editors

Dr. Thanasis Tsanas

Dr. Andreas Triantafyllidis

Dr. Asimina Kiourti

Dr. Siddharth Arora

Deadline for manuscript submissions

closed (30 June 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/140069

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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)