



sensors



an Open Access Journal by MDPI

Wearable Communication and Sensing Systems: Advances and Challenges

Guest Editors:

Dr. Wenda Li

Dr. Yue Tian

Dr. Shelly Vishwakarma

Deadline for manuscript
submissions:
closed (25 June 2024)

Message from the Guest Editors

Wearable devices are the next big thing in wireless applications for communication, sensing and health monitoring. History will show that the FitBit and the Apple Watch are only early primitive devices, and the next wave of smart wearables will revolutionize the way we live. Therefore, wearable communication systems, antennas and sensing methods are crucial for the development of next-generation technologies in wearable medical devices, telemedicine, vital sign detection and patient monitoring.

The goal of this Special Issue is to bring together scientists, researchers, practitioners and service providers in order to publish high-quality manuscripts related to sensing technologies, data analytics and their application in predictive and personalized healthcare. Potential topics include but are not limited to:

- Wearable health monitoring systems;
- Wearable sensor networks;
- Wearable wireless communication;
- Antenna design for wearables;
- Wearable device trends;
- Wearable device applications;
- Wearable device for underwater sensing and control;
- Wearable device signal sensing and processing;
- Multi-source physiological signal sensing.



mdpi.com/si/126061

Special Issue



sensors



an Open Access Journal by MDPI

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

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.

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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)