Special Issue

Body-Centric Sensors for the Internet of Things

Message from the Guest Editors

With the advent of the IoT, body-centric sensors can now interface directly to the internet. Multiple sensors can be deployed on a same person, mitigating shadowing of the radio waves by the human body. Sensor fusion techniques can be employed to obtain richer or more reliable measurements, or cooperative communication can be used in order to increase the reliability or throughput of the communication. The new Bluetooth 5.1 standard now allows Angle of Arrival (AoA) as well as Angle of Departure (AoD) capabilities and is one example of emerging technologies that will shape the future of wireless sensing. In these systems, the sensor and its wireless connectivity can often be seen as a whole and its limits depend only on the imagination of the developers.

- body-centric
- wearables
- Internet of Things (IoT)
- wireless sensor networks (WSN)
- radio propagation
- angle of arrival (AoA)
- 5G

Guest Editors

Prof. Dr. Patrick Van Torre
Prof. Dr. Slawomir J. Ambroziak
Prof. Dr. Akram Alomainy

Deadline for manuscript submissions

closed (31 December 2021)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/48293

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

MDPI

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)