

Special Issue

Wireless Sensing and Energy-Efficient Communications for Internet of Things

Message from the Guest Editors

The Internet of Things (IoT) is transforming the way we interact with our devices at home, at work and throughout our cities. In addition to using IoT devices for sensing and communication, utilizing the existing built-in hardware for wireless sensing of the surrounding environment represents a new and emergent challenge. Furthermore, not only IoT devices but also mobile robots or drones can be used for sensing the environment thanks to RF signals. Different disruptive applications such as intrusion detection or daily activity recognition can be targeted while preserving privacy. Overall, the question of how to use the RF signals while accounting for energy efficiency is a key challenge pursued in this Special Issue. This Special Issue solicits high-quality unpublished work on recent advanced wireless sensing and energy-efficient communications for application to the Internet of (Robotic) Things. It welcomes theoretical contributions, as well as applications from both academia and industry. For detailed information, please visit [here](#).

Guest Editors

Dr. Carmen Delgado

i2CAT Foundation, 08034 Barcelona, Spain

Dr. Rafael Berkvens

Faculty of Applied Engineering, IDLab, IMEC, University of Antwerp, 2020 Antwerp, Belgium

Deadline for manuscript submissions

closed (30 April 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/165781

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 9.4
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
Department of Electrical and Information Engineering, Politecnico di
Bari, Via Orabona 4, 70126 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)