

Special Issue

MEMS-Based Sensors and Devices for Wireless Communication System

Message from the Guest Editor

This Special Issue aims to provide a comprehensive overview of MEMS-Based Sensors and Devices for Wireless Communication System. We invite research articles that will consolidate our understanding in this area, including new MEMS sensors working behaviour or MEMS sensors improved characteristics, with contact and non-contact types, associated to any wireless communication solutions (RF, RFID, Bluetooth® Low Energy, Zigbee, 6LoWPAN, or any IoT related solutions...) aiming for the applications in physical, chemical, biological, medical and environmental sensing. Development trends in wearable and implantable MEMS-Based Sensors and Devices, and trends in energy harvesters used to power such MEMS sensors and devices can also be discussed.

- Mechanical or MEMS based sensors
- Medical sensors or BioMEMS
- Environmental sensors
- Chemical and Biochemical sensors
- Healthcare monitoring sensors
- Wireless sensor network
- Body area network
- Structure health monitoring sensors
- Harsh environment sensors
- Wearable sensors
- Implantable sensors

Guest Editor

Prof. Dr. Gaëlle Lissorgues

ESYCOM-ESIEE, University Gustave Eiffel, 77420 Champs-Sur-Marne, France

Deadline for manuscript submissions

closed (30 November 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/111063

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)