

Special Issue

Advances in Integrated MEMS Sensors for IoT Applications

Message from the Guest Editors

This Special Issue aims to assemble an overview of the advances in the field of integrated MEMS sensors, focusing on recent contributions, representing a step forward in terms of key figures, such as resolution, repeatability, reliability, selectivity, power consumption and miniaturization. Moreover, manuscripts that highlight the major challenges which researchers are going to face in the development of the future sensor generation for IoT applications are also welcome. Topics include, but are not limited, to:

- Physical sensors based on MEMS technologies
- Chemical sensors based on MEMS technologies
- Sensor systems on a chip
- Sensor systems on a package
- Labs on Chip based on MEMS technologies
- Non-silicon MEMS sensors
- Functional packaging of MEMS sensors

Guest Editors

Dr. Massimo Piotto

Department of Information Engineering, University of Pisa, 56122 Pisa, Italy

Prof. Dr. Paolo Bruschi

Dipartimento di Ingegneria dell'Informazione, University of Pisa, Pisa, Italy

Deadline for manuscript submissions

closed (20 October 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/52059

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)