



Integrated Sensing Techniques for IoT Applications

Guest Editor:

Dr. Guido De Angelis

Regione Umbria, Perugia, Italy

Deadline for manuscript
submissions:

closed (25 February 2024)

Message from the Guest Editor

Integrated sensing techniques play an essential role in modern daily life, due to the widespread diffusion of devices and technologies applied to Internet of Things technologies.

The application fields include healthcare, autonomous vehicles, intelligent transportation systems, image processing, power engineering, energy, home automation, industry, robotics, automated guided vehicles in manufacturing lines, machine learning, industry automation, etc.

To date, the research carried out in this field has addressed the design and implementation of integrated sensing techniques for IoT applications using already available technologies or low-cost sensors. Sensor fusion and statistical signal processing is a key element for further advances in the field and presents exciting challenges for signal processing practitioners and researchers.

This Special Issue of *Sensors* aims to publish novel results on the most recent developments related to integrated sensing techniques for IoT applications, emphasizing the integration of various technologies with the aim of reaching improved performances.





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](#)