

Special Issue

Multi-Sensor Positioning for Navigation in Smart Cities

Message from the Guest Editors

The mobility of people and goods plays an important role in the life, work and prosperity in smart cities. Particularly, the positioning in train stations or airports is of great importance to understand the needs and preferences of the passengers and their behavioral patterns. In outdoor scenarios, walking, cycling and e-scooters are sustainable mobility options that complement the public transport. These mobility options require a robust positioning to enable their frictionless coexistence with the motorized transport modes. Artificial Intelligence (AI) can provide a significant boost for understanding mobility behavioral patterns and for the protection of pedestrians, cyclists and e-scooters as well. For the use of AI in safety-critical applications, new methods of validation and training are required. The analysis of big data and the methods for data driven research should be used to gain high quality data dedicated to the training of AI for transport applications.

Guest Editors

Dr. Estefania Munoz Diaz

Institute of Communications and Navigation, German Aerospace Center (DLR), 82234 Wessling, Germany

Dr. Francisco Zampella

Huawei Technologies Research and Development (UK) Limited, Edinburgh EH3 8BL, UK

Dr. Elizabeth Colin

EFREI Research Lab, 94800 Villejuif, France

Deadline for manuscript submissions

closed (31 May 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/117390

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

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)