

Special Issue

Advancements in Wireless Localization: Enhancing Object Detection, Navigation and Communications

Message from the Guest Editors

Wireless localization technology has emerged as pivotal tools in various applications, particularly in object detection and localization. Utilizing advanced algorithms and signal processing techniques, wireless localization systems determine the location of devices or objects within a wireless network. This Special Issue aims to explore the advancements, challenges, and applications of wireless localization technology in the realms of object detection and wireless localization. It is also delving into its role in enhancing wireless communications as well as the potential of breakthrough technologies such as joint sensing and communications to improve localization accuracy. For more details, please visit [here](#).

Guest Editors

Dr. Ahmad Alsharoua

Dr. Abdelaali Chaoub

Dr. Mohamed Selim

Deadline for manuscript submissions

25 August 2025



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 7.3
Indexed in PubMed



mdpi.com/si/199727

Sensors

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 3.4
CiteScore 7.3
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 (Chemistry, Analytical) / CiteScore - Q1 (Instrumentation)