



sensors



an Open Access Journal by MDPI

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

Guest Editors:

Dr. Ahmad Alsharwa

Electrical and Computer
Engineering Department,
Missouri University of Science
and Technology, Rolla, MO, USA

Dr. Abdelaali Chaoub

Institut National des Postes et
Télécommunications (INPT),
Rabat, Morocco

Dr. Mohamed Selim

Electrical and Computer
Engineering Department, Iowa
State University, Ames, IA 50011,
USA

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](#).

Deadline for manuscript
submissions:

25 December 2024



mdpi.com/si/199727

Special Issue



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 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)