

Special Issue

Cooperative Robots and Sensor Networks

Message from the Guest Editor

This Special Issue expects innovative works and surveys to explore new trends, frontiers, and challenges in the field of cooperative robots and sensor networks including new architectures, techniques, and protocols, and well as implementation issues, devices, real-world deployments, and new applications. The topics of interest include, but are not limited to:

- Robot–SN cooperation;
- Robot cooperation;
- Architectures for cooperation;
- Robot–SN communication;
- Distributed computation;
- SN algorithms for cooperation with robots;
- Robot–SN modeling, simulation, and performance;
- Robot control and planning for integration with SNs;
- Robot–SN perception;
- Robot–SN security issues and protocols;
- Robot–SN services and applications;
- Robot–wearable device cooperation;
- Devices and hardware design;
- Testbeds;
- Implementation issues;
- Real-world deployments and lessons learned;
- Applications: data collection, wireless aerial networks, target detection, smart cities, smart environments, smart homes, and monitoring, among many others.

Guest Editor

Dr. José Ramiro Martínez-De-Dios

School of Engineering, University of Seville, Avda. Camino de los Descubrimientos, 41092 Seville, Spain

Deadline for manuscript submissions

closed (15 October 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/54349

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

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 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)