sensors

an Open Access Journal by MDPI

IMPACT FACTOR 3.4

Indexed in: PubMed

CITESCORE 7.3

Collective Mobile Robotics: From Theory to Real-World Applications

Guest Editor:

Prof. Dr. Frédéric Guinand
1. LITIS Laboratory, Normandy University of Le Havre, Le Havre, Normandy, France
2. Faculty of Mathematics and Natural Sciences, Cardinal Stefan Wyszynski University, 01-815 Warsaw, Poland

Deadline for manuscript submissions:
closed (30 September 2024)

Message from the Guest Editor

Dear Colleagues,

From theoretical models to deployment of real robots, Collective Mobile Robotics (CMR) have witnessed a growing interest last two decades. In the context of this special issue, a swarm is considered as a set of autonomous machines presenting a collective behavior without relying on any centralized mechanism. This special issue aims at offering a venue for specialists of any domain related to robot swarming, from theoretical foundations to real-world applications including robotic platforms and testbeds. Measuring the distance that may exist between theory and practical experiments, and raising open questions related to swarm robotics is one of the objectives of this SI. Contributions of mature works as well as emerging new ideas from theoretical models to existing hardware solutions enabling robots to behave as swarms are welcome.

sensors

IMPACT FACTOR 3.4 | Indexed in: PubMed | CITESCORE 7.3

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