Special Issue

Multi-Robot Systems: From Theoretical Contributions to Practical Applications

Message from the Guest Editors

Dear colleagues, This Special Issue aims at boosting multi-robot systems research and seeks articles that focus on the state-of-the-art research in all aspects of multi-robot systems. While work based on real robots is preferable, we will also accept work based on simulation only. The topics of interest for this Special Issue include, but are not limited to:

- Distributed coordination and cooperation in multi-robot systems;
- Distributed cooperative perception;
- Distributed control and planning;
- Machine learning in multi-robot systems;
- Mapping, localization, and navigation in multi-robot systems;
- Physical interaction in/with multi-robot systems.

Guest Editors

Dr. Charalampos P. Bechlioulis

Division of Systems and Automatic Control, Department of Electrical and Computer Engineering, University of Patras, Greece

Dr. Panagiotis Vlantis

Deptartment of Mechanical Engineering, National Technical University of Athens, 15780 Zografos, Greece

Deadline for manuscript submissions

closed (20 June 2022)

MDPI

About the Journal

Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step.
It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

Editor-in-Chief

Prof. Dr. Marco Ceccarelli
LARM2: Laboratory of Robot Mechatronics, Department of Industrial Engineering, University of Rome Tor Vergata, Via del Politecnico 1, 00133 Roma, Italy

Author Benefits

Open Access:
free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:
indexed within Scopus, ESCI (Web of Science), dblp, Inspec, and other databases.

Journal Rank:
JCR - Q2 (Robotics) / CiteScore - Q1 (Control and Optimization)