

Special Issue

Industrial Robotics in Industry 4.0

Message from the Guest Editors

The goal of this Special Issue is to present state-of-the-art contributions to industrial robot technology and present innovative developments, methodologies, and trends in research and real-world applications. This Special Issue will highlight advances in the following areas but is not limited to them:

- Design and modeling of robotic systems;
- Robot kinematics/dynamics/control;
- AI technologies;
- Human-robot interactions;
- Cooperative robots;
- Flexible grippers and tactile sensing;
- Robot vision;
- Motion planning and optimization;
- Experimental evaluation and benchmarking;
- Robotic applications.

Guest Editors

Dr. Wilfried Lepuschitz

Prof. Dr. Markus Vincze

Prof. Dr. Thomas Meurer

Dr. Munir Merdan

Deadline for manuscript submissions

closed (20 October 2022)



Robotics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/48542

Robotics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
robotics@mdpi.com

[mdpi.com/journal/
robotics](https://mdpi.com/journal/robotics)





Robotics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
robotics](https://mdpi.com/journal/robotics)



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)