

Special Issue

New Trends in Robotics and Mechatronic Technologies

Message from the Guest Editor

This Special Issue aims to collect recent theoretical and technical achievements in interdisciplinary research on mechanisms and robotics. Topics of interest include (but are not limited to):

- Robotics;
- Mechatronics;
- Dynamics;
- Automations;
- Artificial intelligence, algorithms, and programs;
- Drones;
- Aerospace;
- Command and control;
- Shareholders;
- DoF robot mechanisms;
- Parallel mechanisms;
- Serial-parallel mechanisms;
- Bio-inspired mechanisms;
- Medical and rehabilitation robots;
- Exploratory robots;
- New materials in robotics;
- New technologies in robotics.

Guest Editor

Dr. Florian Ion Tiberiu Petrescu

Theory of Mechanisms and Robots Department, Faculty of Industrial Engineering and Robotics, National University of Science and Technology Polytechnic Bucharest, 060042 Bucharest, Romania

Deadline for manuscript submissions

closed (31 August 2023)



Robotics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/155903

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)