



Recent Trends and Advances in Mechanism Design and Robotics

Guest Editors:

Prof. Dr. Xinjun Liu

Department of Mechanical
Engineering, Tsinghua University,
Beijing, China

Prof. Dr. Jingjun Yu

Robotics Institute, Beihang
University, Beijing, China

Prof. Dr. Jiantao Yao

Key Laboratory of Advanced
Forging & Stamping Technology
and Science, Yanshan University,
Qinhuangdao, China

Deadline for manuscript
submissions:
closed (31 January 2023)

Message from the Guest Editors

Dear Colleague,

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

- Parallel mechanisms;
- Serial-parallel mechanisms;
- Bioinspired mechanisms;
- Rigid-flexible-soft coupling mechanisms;
- Deployable mechanisms;
- Wearable robots;
- Soft robots;
- Medical and rehabilitation robots.

Prof. Dr. Xinjun Liu
Prof. Dr. Jingjun Yu
Prof. Dr. Jiantao Yao
Guest Editors





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

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.

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: CiteScore - Q1 (*Control and Optimization*)

Contact Us

Robotics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/robotics
robotics@mdpi.com
[X@RoboticsMDPI](https://twitter.com/RoboticsMDPI)