

## Special Issue

# The Kinematics and Dynamics of Mechanisms and Robots

### Message from the Guest Editor

It is our great honor to organize this Special Issue of *Machines*, which is an outstanding academic journal focused on Mechanical Engineering and Science. Mechanisms and robots play increasingly important roles in numerous areas, such as industry, agriculture, and medical treatment. This Special Issue aims to publish high-quality papers investigating the kinematic and dynamic problems of robotic mechanisms. It calls for papers to discuss ideas on the innovation, design, and application of various mechanisms and robots. Potential contributions may include, but are not limited to, the following topics:

- Parallel and hybrid mechanisms;
- Metamorphic mechanisms;
- Deployable mechanisms and origami;
- Compliant mechanisms;
- Robotic systems in machining, manufacturing, and mining;
- Mobile robots, field robots, and agricultural robots.

Your consideration will be appreciated. We look forward to receiving your submissions and will arrange a timely review.

---

### Guest Editor

Dr. Shuofei Yang

College of Engineering, China Agricultural University, Beijing 100083, China

---

### Deadline for manuscript submissions

31 December 2025



## Machines

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 4.7



[mdpi.com/si/200213](https://mdpi.com/si/200213)

*Machines*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[machines@mdpi.com](mailto:machines@mdpi.com)

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





# Machines

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 4.7



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



## About the Journal

### Message from the Editor-in-Chief

*Machines* is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

---

### Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso  
CISE - Electromechatronic Systems Research Centre, University of  
Beira Interior, Calçada Fonte do Lameiro, P-6201-001 Covilhã, Portugal

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Mechanical) / CiteScore - Q1  
(Control and Optimization)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.9 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).