



New Trends in Robotics, Automation and Mechatronics

Guest Editor:

Dr. Bao Kha Nguyen

Department of Engineering and Design, University of Sussex, Brighton BN1 9QT, UK

Deadline for manuscript submissions:

closed (31 January 2024)

Message from the Guest Editor

Robotics, mechatronics and automation systems are always evolving, with new innovations transforming different industrial, agricultural, manufacturing, energy and healthcare systems. There has been an increase in the demand for these systems across different sectors in the post-pandemic era. The aim of this Special Issue is to provide new, up-to-date research trends in robotics, automation and mechatronics with contributions from researchers worldwide. This issue presents new research results and developments in the multidisciplinary field of robotics, mechatronics and automation. We welcome original theoretical and applied research and review papers that cover these related topics.

- Applications of automation
- Systems and control engineering
- Electronic engineering
- Mechanical engineering
- Computer engineering
- Mechatronics
- Robotics
- Human–machine interfaces
- Machine vision





an Open Access Journal by MDPI

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

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.

Author Benefits

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

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

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

Contact Us

Machines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/machines
machines@mdpi.com
[X@Machines_MDPI](https://twitter.com/Machines_MDPI)