

Special Issue

Advances in Applied Mechatronics

Message from the Guest Editors

The purpose of this Special Issue, in general, is to help us to better understand how mechatronics will impact the practice and research of developing advanced techniques to model, control and optimize complex systems. This Special Issue presents the current state of advances in mechatronics and related technologies including: Automatic Control, Robotics, Agent-Based Systems, Smart Manufacturing and Industry 4.0. The selected topics provide an overview of the state of the art and present new research results and prospects of the future development in the interdisciplinary field of mechatronic systems. The Special Issue will provide up-to-date and useful knowledge for researchers and engineers involved in mechatronics and related fields.

Guest Editors

Prof. Dr. Wenjun (Chris) Zhang

Department of Mechanical Engineering, University of Saskatchewan,
Saskatoon, SK S7N 5A9, Canada

Dr. Aydin Azizi

School of Engineering, Computing and Mathematics, Oxford Brookes
University, Headington Campus, Oxford OX3 0BP, UK

Deadline for manuscript submissions

closed (15 July 2022)



Machines

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.7



mdpi.com/si/90831

Machines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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).