

Special Issue

10th Anniversary of Machines— Feature Papers in Medical Robotics and Sensing

Message from the Guest Editors

New robotic and sensing technologies have led to significant advances in medicine in recent decades. We invite paper submissions on the emerging research and technologies of medical robotics, medical sensing, smart co-robotics, and medical scene understanding by artificial intelligence. Particularly, the main areas of interest include biorobotics, intelligent systems, medical mechatronics, continuum and soft flexible robots and sensors, multisensory perception, learning and control in image-guided procedures, deployable motion generation, compliance modulation/sensing, cooperative and context-aware sensors/actuators in human environments, robotic surgery, robotic assistance in various human-interactive scenarios, flexible robotics, and machine artificial intelligence.

Guest Editors

Prof. Dr. Hongliang Ren

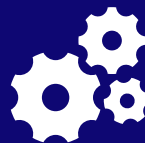
1. Electronic Engineering Department, The Chinese University of Hong Kong (CUHK), Hong Kong
2. Department of Biomedical Engineering, National University of Singapore, Singapore 117576, Singapore

Dr. Changsheng Li

School of Mechatronical Engineering, Beijing Institute of Technology, Beijing 100081, China

Deadline for manuscript submissions

closed (31 December 2022)



Machines

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.7



mdpi.com/si/106652

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).