

## Special Issue

# Intelligent Medical Robotics Design, Control and Applications of Medical Robotics

### Message from the Guest Editor

This Special Issue is focused on intelligent medical robotics—the intersection of AI and medical robotics, which has already been proven to be a viable, fruitful domain on its own. This Special Issue aims to collect recent research on all of the below-listed topics. Review papers are also welcome. Topics of interest include (but are not limited to) the use of AI in the following areas: brain–computer interfaces; autonomous robots; mobile robots; service robots; robotic implants; nano-, micro-, and milli-robots; educational (interactive) robots; modular robots; collaborative robots; medical military robots; surgical robots; rehabilitation robots; biorobots; telepresence robots; pharmacy/lab automation; companion robots; disinfection robots; machine intelligence; neural networks; deep learning; medical big data; medical predictive analytics; and medical robotics.

### Guest Editor

Prof. Dr. Allon Guez

Electrical and Computer Engineering, Drexel University, Philadelphia, PA 19104, USA

### Deadline for manuscript submissions

closed (15 December 2023)



## Machines

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 4.7



[mdpi.com/si/172244](https://mdpi.com/si/172244)

*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).