

## Special Issue

# Mechatronic Machines: Intelligent Integration of Actuation, Sensing and Control

### Message from the Guest Editors

This Special Issue seeks contributions on intelligent mechatronic machines in which actuation, sensing, dynamics, and control are co-designed as tightly integrated systems rather than treated as independent components. It specifically encourages research on the design, modelling, analysis, control, and monitoring of mechatronic machines, including system-level integration, electromechanical modelling, condition monitoring, diagnostics, fault tolerance, and dependable operation. The Special Issue aligns closely with the scope of *Machines* and welcomes experimental, theoretical, and computational studies addressing advanced machinery, electromechatronics, and intelligent machine systems.

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### Guest Editors

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### Deadline for manuscript submissions

1 December 2026



## Machines

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## 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.

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### Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso  
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JCR - Q2 (Engineering, Mechanical) / CiteScore - Q1 (Control and Optimization)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).