

## Special Issue

# Advances in Dynamics and Control of Vibratory Systems: Innovations and Applications

### Message from the Guest Editors

This Special Issue, titled "Advances in Dynamics and Control of Vibratory Systems: Innovations and Applications", invites the submission of original research papers. It aims to provide a platform for scholars and practitioners to disseminate their latest theoretical, experimental, and technical advances, as well as to identify emerging themes and open challenges that can guide future work in the area. Submissions should offer novel insights and demonstrate clear potential contributions to both theory and experimental and industrial practice. Relevant topics include, but are not limited to, the following:

- Vibration dynamics and control in civil and military applications;
- Vibration mitigation in structures and vehicles subject to wave and wind loads;
- Control of vibrations in machine tools, additive manufacturing platforms, and others, where high-level stability and precision translates directly into product quality;
- Vibroacoustic optimization in vehicles, enhancing comfort while reducing weight and energy consumption.

### Guest Editors

Dr. Hugo Filipe Diniz Policarpo

1. Centro de Investigação Naval—CINAV, Escola Naval, Instituto Universitário Militar, Base Naval de Lisboa, 2810-001 Almada, Portugal  
2. IDMEC, Instituto Superior Técnico, Universidade de Lisboa, Av. Rovisco Pais, 1049-001 Lisboa, Portugal

Dr. Tiago Silva

UNIDEMI—Research and Development Unit for Mechanical and Industrial Engineering, NOVA School of Science and Technology (NOVA FCT), Campus de Caparica, 2829-516 Caparica, Portugal

### Deadline for manuscript submissions

30 April 2027



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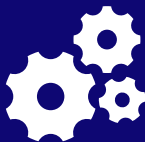


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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[machines@mdpi.com](mailto:machines@mdpi.com)

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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  
CISE—Electromechatronic Systems Research Centre, University of  
Beira Interior, Calçada Fonte do Lameiro, P-6201-001 Covilhã, Portugal

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