

## Special Issue

# Smart Vibration Control and Suspension Systems in Automotive Engineering

### Message from the Guest Editor

This Special Issue, "Smart Vibration Control and Suspension Systems in Automotive Engineering", invites high-quality research and reviews on recent advances and future directions in the field. Topics of interest include, but are not limited to,

- Active and semi-active suspension systems;
- Advanced control strategies for active and semi-active suspension systems;
- Innovative sensor and actuator technologies for smart suspensions;
- Energy harvesting and energy efficiency management for suspension systems;
- Integrated vehicle dynamics control;
- Model-based and data-driven control;
- Data-driven approaches for suspension performance prediction and fault diagnosis.

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### Guest Editor

Dr. Renkai Ding

School of Automotive and Traffic Engineering, Jiangsu University, Zhenjiang, China

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### Deadline for manuscript submissions

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

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#### Journal Rank:

JCR - Q2 (Engineering, Mechanical) / CiteScore - Q1 (Control and Optimization)

#### Rapid Publication:

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