

Special Issue

Intelligent Approaches to Vehicle Dynamics and Control

Message from the Guest Editor

This Special Issue, titled “Intelligent Approaches to Vehicle Dynamics and Control,” aims to provide a comprehensive forum for the latest research on intelligent, data-driven, and hybrid methodologies for vehicle dynamics analysis, control, and design. By building upon classical vehicle dynamics and control theory and integrating model-based approaches with machine learning and artificial intelligence, this Special Issue seeks to bridge the gap between theoretical developments and practical implementation in next-generation electrified and autonomous vehicles. Through the combination of theoretical insights, simulation studies, and experimental results, this Special Issue aims to highlight practical, scalable, and implementation-oriented vehicle dynamics technologies, providing both academic and industrial perspectives on integrated chassis design and control for future mobility systems.

Guest Editor

Prof. Dr. Jeongwoo Lee

Department of Autonomous Vehicle System Engineering, Chungnam National University, 99 Daehak-ro, Yuseong-gu, Daejeon 34134, Republic of Korea

Deadline for manuscript submissions

31 July 2026



Machines

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.7



mdpi.com/si/266689

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 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).