

Special Issue

Intelligent Control and Active Safety Techniques for Road Vehicles

Message from the Guest Editors

We propose a Special Issue entitled "Intelligent Control and Active Safety Techniques for Road Vehicles" to showcase the latest original achievements, foster the exchange of cutting-edge perspectives, and promote interdisciplinary research in this field. This Special Issue aims to explore the potential of using emerging and advanced techniques in intelligent control and active safety to address the complex dynamics and design challenges faced by vehicle systems designers and developers. The topics to be covered in this Special Issue include, but are not limited to, the following:

- Autonomous and intelligent vehicles;
- Semi-autonomous driving control;
- Vehicle networking;
- Driver-vehicle-road coordinated control;
- Vehicle dynamics and control;
- Active vehicle safety;
- Control and calibration of engines and powertrains;
- Automotive electrification and electronic control;
- Active safety designs for electric vehicles, hybrid electric vehicles, fuel cell vehicles.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2025)



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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.

Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso
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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).