

Special Issue

Management of Power and Energy Storage System in EV

Message from the Guest Editors

We are pleased to announce the launch of a new Special Issue of *Machines*, “Management of Power and Energy Storage Systems in EV”. Electric vehicles are very important as they offer to provide a solid foundation for the carbon-neutral transportation future. Carbon emissions are expected to be substantially by the implementation of efficient technologies. As a result, they are attracting attention, and many scholars and engineers are devoting themselves to developing advanced strategies in this regard. The Special Issue aims to collect cutting-edge exploration research and innovation studies, with topics covering the latest progress in thermal management, control strategy, energy storage, mechanical designs for electric vehicles, etc. Potential topics include, but are not limited to:

- advanced thermal management technologies;
- thermal network analysis;
- battery thermal management;
- motor optimization and control;
- gearbox design and cooling;
- energy storage technologies

All manuscript types are welcome.

Guest Editors

Dr. Xuehui Wang

Dr. Guohua Wang

Dr. Ding Luo

Deadline for manuscript submissions

closed (31 October 2023)



Machines

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.7



mdpi.com/si/167710

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 16.9 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).