

Special Issue

Design, Analysis and Optimization of Electrical Machines and Drives for Electric Vehicles

Message from the Guest Editors

The aim of this Special Issue is to collect the latest developments from researchers working in the field of electrical machines and drives. Prospective authors are invited to submit original contributions that include, but are not limited to, the following topics of interest:

- Design, analysis and applications of electrical machines;
- Optimization algorithms;
- Control techniques;
- Machine fault detection and fault-tolerant control;
- Motor drive systems;
- Modelling and performance evaluation of electrical machines and drives;
- Power electronic converter topologies for motor drives.

Prospective authors are highly encouraged to submit technical surveys and review papers for the possible publication in this Special Issue “**Design, Analysis and Optimization of Electrical Machines and Drives**” of the *World Electric Vehicle Journal*.

Guest Editors

Dr. Syed Sabir Hussain Bukhari

Prof. Dr. Jorge Rodas

Prof. Dr. Jesús Doval-Gandoy

Deadline for manuscript submissions

closed (30 June 2022)



World Electric Vehicle Journal

an Open Access Journal
Published by MDPI

Impact Factor 2.6
CiteScore 5.0



mdpi.com/si/88560

World Electric Vehicle Journal
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
wevj@mdpi.com

mdpi.com/journal/

[wevj](https://wevj.mdpi.com)





World Electric Vehicle Journal

an Open Access Journal
Published by MDPI

Impact Factor 2.6
CiteScore 5.0



[mdpi.com/journal/
wevj](https://mdpi.com/journal/wevj)



About the Journal

Message from the Editor-in-Chief

The *World Electric Vehicle Journal* is the official journal of the World Electric Vehicle Association (WEVA) and its members the European Association for Electromobility (AVERE), the Electric Drive Transportation Association (EDTA), and the Electric Vehicle Association of Asia Pacific (EVAAP). Since its foundation in 2007, the journal has aimed to provide a publishing platform for the academic and industrial world to share the latest developments and knowledge about electric vehicles. If you are developing Electric, Plug-in Hybrid, Hybrid Electric, or Fuel Cell Vehicles, we cordially invite you to consider us as the place for you to publish your latest results and innovations.

Editor-in-Chief

Prof. Dr. Joeri Van Mierlo

MOBI—Electromobility Research Centre, Department of Electrical Engineering and Energy Technology, Faculty of Engineering Sciences, Vrije Universiteit Brussel, 1050 Brussel, Belgium

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q2 (Automotive Engineering)

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 2.9 days (median values for papers published in this journal in the first half of 2025).