

Special Issue

Innovation in Motor Drive Systems for Electric Vehicles

Message from the Guest Editors

A large percentage of the transport sector relies on internal combustion engine vehicles, causing greenhouse gases and air pollution to continuously increase. The appearance of electric vehicles offers a promising solution to this global problem. As a result, the optimization of the electric vehicle powertrain is a key area, and the motor drive system is a major component of the powertrain.

This Special Issue is aimed at collecting the latest theoretical and technological ideas for the better development of motor drive systems in electric vehicles. Topics of interest for publication include, but are not limited to:

- Topic A: optimization design methods of motors for electric vehicles;
- Topic B: new analyzing and modeling methods of motors for electric vehicles;
- Topic C: advanced control strategies of motor drive systems in electric vehicles;
- Topic D: novel converter topologies of motor drive systems in electric vehicles;
- Other related topics, such as literature reviews, fault diagnosis, position estimation, and industrial applications of motors for electric vehicles.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2024)



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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