Special Issue

Temperature Field, Electromagnetic Field, and Operation Control of Permanent Magnet Motor for Electric Vehicles

Message from the Guest Editor

Efficiency plays an important role in mileage increase in electric vehicles, especially in the current period of rapid development of electric vehicles. Therefore, this Special Issue will deal with the structural design and operation control of permanent magnet motors, which can be better applied in the drive unit of electric vehicles. Firstly, based on the structural optimal design, permanent magnet motors' temperature rise will be reduced, and their magnetic field can be utilized efficiently. Then, with the proper operation control technology, permanent magnet motors' operational performance, such as starting, constant speed, speed regulation, and braking, can be improved.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2024)

World Electric Vehicle Journal

an Open Access Journal Published by MDPI

Impact Factor 2.6
CiteScore 5.0

mdpi.com/si/170100

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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.

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