

Special Issue

Design and Control of Electrical Machines in Electric Vehicles

Message from the Guest Editors

This Special Issue aims to present current state-of-the-art research addressing the design and control of electrical machines within the context of electric vehicle applications. We encourage researchers in this field to contribute their original papers and share their technical achievements. The subjects of interest include, but are not limited to, the following:

- New machine topology of electric machines;
- Innovative machine design and analysis methods;
- Multiobjective optimization of electric machines in EVs;
- Vibration and noise suppression technology of electric machines;
- Efficient and reliable control of EV power trains;
- Power electronic devices in EV machine applications;
- New technologies related to EV motor and drive integration;
- Applications of hub motors or multimotor systems in EVs;
- Other advanced technologies related to the modeling, design, and control of electric machines in EVs.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2024)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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