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Innovation in Motor Drive Systems for Electric Vehicles

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Message from the Guest Editors

Dear Colleagues,

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.

Special Issue



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Message from the Editor-in-Chief

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