



Energy Efficiency of Electric Vehicles with Multiple Motors

Guest Editor:

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Message from the Guest Editor

Electric vehicles (EVs) are the future of passenger transportation. However, significant challenges are still to be addressed by the research community, including the limited range of electric vehicles. Within this framework, for this Special Issue, we aim to assemble a collection of studies with topics of interest including, but not limited to, the study and analysis of the following:

- Modelling and/or experimental characterisation of the different sources of power loss in electric vehicles, including drivetrain power losses, battery power losses, and tyre slip power losses;
- Optimal layouts for electric vehicles with multiple motors;
- The suitability and performance of different types of electric motors for electric propulsion;
- Innovative control strategies for the improvement of energy efficiency, e.g., torque vectoring algorithms;
- The integration of energy efficiency features within vehicle dynamics controllers;
- Novel battery/energy storage technologies.





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Message from the Editor-in-Chief

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