



Control and Management of Electric Power System in Vehicles

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Message from the Guest Editors

As is well known, key technologies in EVs include motor drive technology, power electronic technology, micro-electronic and control technology, automotive technology, material technology, and energy storage technology. Integration of all these techniques is the key to success in EVs. The most important issues in EV design are System Integration (SI) and Optimization. Moreover, high-performing electric machines are coupled with a high-performing control algorithm to deliver maximum system efficiency and performance.

The objective of this Special Issue is to bring together state-of-the-art research contributions that explore the technology solutions, models, control and management methods, approaches, and technological innovations to obtain more efficient performance and comfort with safety and reliable operations at a cheaper price. Special attention to the most recent experimental applications, in particular, highly efficient solutions over a wide range of driving conditions, considering V2G, V1G and V2H operating conditions, are greatly desirable.





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Message from the Editor-in-Chief

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