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Smart Energy Management for Electric and Hybrid Electric Vehicles

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Message from the Guest Editor

Personal transport is among the key contributors for global warming, and suffers from limited fuel resources. As personal transport is of high importance for society, considerable effort is being made in order to make vehicles more sustainable.

A topic that is crucial for all vehicles is energy management, and considerable work still has to be done in order to consolidate energy management that unites aspects of optimization with real-time application. In this context, questions of real vehicle use, route planning, and prediction are interesting, not only with regard to energy management, but also to recharge planning. Furthermore, sustainability has to be applied over system life imposing economical questions including business models. Finally, the link between energy need and energy management in link with autonomous driving might also of interest.

In conclusion, the topic of smart energy management of electric and hybrid electric vehicles is highly multidisciplinary and a key topic in order to develop sustainable personal transport for the future.



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Message from the Editor-in-Chief

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