Special Issue

Power System and Energy Management of Hybrid Electric Vehicles

Message from the Guest Editors

Exhaust gases from personal transport are among the key contributors to global warming. As personal transport is of high importance today, considerable effort is being made to make vehicles more environmentally friendly. Numerous power systems for hybrid electric vehicles have been studied, and several solutions, including not only internal combustion engines and fuel cell-based solutions, will likely coexist in the future. Energy management is a topic that is crucial for all hybrid electric vehicles, and considerable work still needs to be done to consolidate an energy management strategy that unites aspects of optimization with real-time application. In this context, questions of route planning and prediction are interesting not only with regard to recharge planning. Furthermore, the link between energy management of hybrid electric vehicles and autonomous driving might also be of interest. In conclusion, the topic of power system and energy management of hybrid electric vehicles is key in the development of sustainable personal transport in the future.

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About the Journal

Message from the Editor-in-Chief

The *World Electric Vehicle Journal* is the official journal of the World Electric Vehicle Association (WEVA) and its members the European Association for Electromobility (AVERE), the Electric Drive Transportation Association (EDTA), and the Electric Vehicle Association of Asia Pacific (EVAAP). Since its foundation in 2007, the journal has aimed to provide a publishing platform for the academic and industrial world to share the latest developments and knowledge about electric vehicles. If you are developing Electric, Plug-in Hybrid, Hybrid Electric, or Fuel Cell Vehicles, we cordially invite you to consider us as the place for you to publish your latest results and innovations.

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