Special Issue

Smart Energy Management for Electric and Hybrid Electric Vehicles

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.

Guest Editor

Dr. Daniela Chrenko

FEMTO-ST Institute, FCLAB, University Bourgogne Franche-Comté, CNRS, Belfort, France

Deadline for manuscript submissions

closed (6 September 2023)

Energies

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.2

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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