

Special Issue

Energy Management of Hybrid Electric Vehicles 2021

Message from the Guest Editors

Urban air quality and climate change are at the heart of environmental concerns. Although internal-combustion-engine vehicles are expected to be replaced in the future by zero-emission vehicles, hybrids play a key role in the transition to all-electric vehicles. They can have many forms (sustaining hybrids, plug-in hybrids and range-extender hybrids), may include various liquid or gaseous (bio) fuels, and concern both on-road and off-road vehicles. This Special Issue deals with the recent advances in the energy management of all types of hybrid vehicles. The topics of interest include, but are not limited to, optimal control problems, such as multiobjective optimization considering energy consumption, battery ageing and/or pollutant emissions related to standard or alternative fuels. The global impacts on transportation systems, taking into account any form of network connection and grid management, are also considered in this Special Issue.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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