



## Plug-in Hybrid Electric Vehicle (PHEV)

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### Message from the Guest Editor

Dear Colleagues,

This Special Issue is focused on the recent advances in electric vehicles and plug-in electric vehicles that address the new powertrain developments and go beyond the state-of-the-art (SOTA).

Topics of interest include novel propulsion systems, emerging power electronics and their control algorithms, emerging electric machines and control techniques, energy storage systems, including BMS, efficient energy management strategies for hybrid propulsion systems, vehicle-to-grid (V2G), vehicle-to-home (V2H), grid-to-vehicle (G2V) technologies and wireless power transfer systems (WPTs).

Keywords

- Plug-in Hybrid electric Vehicles
- Power Electronics converters for energy efficient drives for electric vehicles
- Energy management systems in plug-in hybrid vehicles
- V2G, G2V and V2H
- Charging infrastructure
- Energy storage





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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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