

Special Issue

Advanced Combustion Engine for Hybrid and Low Carbon Vehicles 2020

Message from the Guest Editor

The purpose of this special issue is to address the advances related to combustion engines that could be used for hybrid vehicles i.e. with battery or fuel cell. Furthermore, this special issue will address the performance of combustion engines running on low carbon fuel. We invite original manuscripts presenting recent advances in this area with special reference to the following topics:

- Optimization of hybrid vehicle systems running on biofuel;
- Characterization of biofuel for advanced combustion engine;
- Thermal and electrical management of battery for hybrid vehicles;
- Biofuels for advanced combustion engines;
- System modelling and validation;
- Fuel cell system design and testing;
- Real world testing for hybrid and low carbon fuel vehicles;
- Plug-in-Hybrids;
- Hydrogen and Fuel Cells.

Guest Editor

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Deadline for manuscript submissions

closed (25 September 2021)



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Message from the Editor-in-Chief

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.

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