Special Issue

Advanced Research on Minimizing Engine Emissions: Fuel Spray and Other Factors

Message from the Guest Editors

In order to minimize harmful engine emissions, one route is toward zero-emission vehicles using some powertrains without an internal combustion engine (ICE), such as battery electric vehicles (BEVs), fuel cell electric vehicles (FCEV), and oxy-fuel combustion-carbon capture and storage (OFC-CCS) systems. The other main effective route is minimizing emissions from the ICE of ICE-only vehicles, hybrid electric vehicles (HEV) and plug-in hybrid electric vehicles (PHEV), for instance optimizing engine fuel spray characteristics to improve air/fuel mixture quality, as well as optimization of other engine operating parameters and factors. Original research articles and reviews are welcome for this Special Issue. Research areas may include (but are not limited to) the following:

- Engine emissions;
- Fuel Spray;
- Low carbon emissions powertrain;
- Alternative fuels;
- Fuel cell;
- Hydrogen;
- Ammonia.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2023)

Energies

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Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/138340

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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.

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