Special Issue

Advances in Carbon-Neutral Fuel High-Efficiency Clean Combustion

Message from the Guest Editors

This Special Issue focuses on the field of efficient and clean combustion of carbon-neutral fuels and addresses the core demands of carbon-neutral fuel engines in diverse application scenarios. It aims to provide theoretical foundations and engineering technical support for cutting-edge innovative technologies in the development of low-carbon/zero-carbon energy power systems. Topics of interest for this Special Issue include, but are not limited to, the following:

- Experimental research and numerical simulation of carbon-neutral fuel engines;
- Synergistic inhibition mechanisms of key pollutants from carbon-neutral fuel combustion;
- Adaptability and regulatory strategies of blended combustion for multiple carbon-neutral fuels;
- Combustion optimization and control methods for carbon-neutral fuel engines based on intelligent algorithms.

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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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