Special Issue

Fuel and Engine Design for Future Thermal Propulsion Systems

Message from the Guest Editors

This Special Issue of *Energies* aims to compile recent research and development efforts towards fuel and engine design to meet future emissions targets in thermal propulsion systems. Potential topics include but are not limited to the following:

- Low temperature combustion strategies (HCCI, RCCI, GCI);
- Advanced combustion strategies for automotive applications;
- Optimized IC engines for mild hybrid vehicle platforms;
- Alternative low carbon fuels (natural gas, biofuels, ethanol, etc.);
- Renewable fuels (HVO, FAME, etc.);
- Renewable synthetic and e-fuels (hydrogen, methanol, ammonia, etc.);
- Fuel reforming in advanced combustion engines (D-EGR, TFR, NVO, etc.);
- Wankel rotary engine and gas turbine as a range extender;
- Innovative technologies such as split-cycle and free-piston engines.

Guest Editors

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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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