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Clean Fuels in Low Temperature Combustion

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Deadline for manuscript
submissions:

closed (28 February 2019)

Message from the Guest Editors

The special issue is aimed to publish high-quality research papers and review articles that address recent development and discoveries on characterizing liquid and/or gaseous fuel spray and combustion under low temperature environment.

Topics include but are not limited to:

- Novel strategies of spray combustion under low temperature combustion
- Fuel chemistry under low temperature regime
- Fuel injection mechanisms for internal combustion engines, gas turbines, and rocket engines
- Liquid fuel spray autoignition and combustion
- Gaseous fuel jet characterization
- Emission formation and reduction
- Multicomponent fuel combustion (including surrogate fuels)
- Chemical kinetics modeling
- Homogeneous Charge Compression Ignition (HCCI)
- Low-temperature, high-pressure combustion experiments



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Special Issue



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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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