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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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Message from the Editor-in-Chief

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