



## Clean Fuels in Low Temperature Combustion

Guest Editors:

**Prof. Seong-Young Lee**

Mechanical Engineering –  
Engineering Mechanics, Michigan  
Tech University, Houghton, MI  
49931, USA

**Prof. Li Qiao**

School of Aeronautics &  
Astronautics, Purdue University,  
West Lafayette, IN 47907, USA

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





# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (Control and Optimization)

## Contact Us

---

*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://twitter.com/energies_mdpi)