Special Issue

Advanced Research on Internal Combustion Engines and Engine Fuels—2nd Edition

Message from the Guest Editors

Internal combustion (IC) engines serve as the main power devices that widely applied in the fields of transport, engineering machinery, stationary power generation, etc. Advanced fuels with specific properties can offer even more potential in engine combustion and emissions improvements. Therefore, the next-generation IC engine will rely on the co-evolution of both engine and fuel technologies. This Special Issue is dedicated to the frontiers in engine combustion and fuel research, with emphasis on the co-development of engines and their fuels. Topics of interest include, but are not limited to:

- Advanced engine combustion;
- Engine combustion improved by fuel additives or biofuel blends;
- Application of zero-/low-carbon fuels to IC engines;
- Interactions of engine combustion and fuel;
- Injection and spray process for advanced fuels;
- Combustion fundamentals and chemical kinetics for advanced fuels;
- Aftertreatment system for engines with advanced fuels.

Guest Editors

Dr. Zongyu Yue

Prof. Dr. Haifeng Liu

Dr. Chao Jin

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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