



energies



an Open Access Journal by MDPI

Renewable Fuels for Internal Combustion Engines: 2nd Edition

Guest Editors:

Prof. Dr. Stawomir Wierzbicki

Faculty of Technical Sciences,
University of Warmia and Mazury
in Olsztyn, 46 A, Słoneczna St.,
10-710 Olsztyn, Poland

Dr. Kamil Duda

Faculty of Technical Sciences,
University of Warmia and Mazury
in Olsztyn, 46 A, Słoneczna St.,
10-710 Olsztyn, Poland

Deadline for manuscript
submissions:
closed (31 August 2025)

Message from the Guest Editors

Dear Colleagues,

Considering the CO₂ reduction targets of the 2015 Paris Agreement, there is an immediate need for high-TRL renewable fuels for use in combustion engine technology. This development must be accompanied by intensified combustion research, exploring the potential efficiency and emission co-optimization of new fuels. At the same, the fast phasing-in of renewable fuels requires efficient production methods and price-competitive feedstock.

This need for systematization and open dissemination of knowledge on renewable fuels for internal combustion engines forms the premise of the present Special Issue of *Energies*. Experts are encouraged to share their latest findings in the form of original research papers, case studies, or short reviews. Studies targeting all aspects of the value chain are considered necessary, including those covering the following topics: liquid and gaseous fuel production processes, upgrading (catalytic and fractional blending), and end-of-life valorization in combustion engines (conventional and advanced concepts). Also, techno-economic analyses aiming to valorize the value chain holistically are encouraged.



mdpi.com/si/199060

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 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 Compindex, 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

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