

Special Issue

New Fuels and Advanced Combustion Modes for Innovative Internal Combustion Engines

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to the design, experimentation, and modeling of conventional and innovative internal combustion engines fueled by both conventional and new fuels. Topics of interest for publication include but are not limited to:

- Potential and limits of new fuels in ICES;
- Innovative combustion modes (HCCI, RCCI, TJI, etc.);
- Novel developments of conventional combustion modes (SI and CI);
- Developments of fuel injection systems;
- Well-to-wheel and life cycle assessment of ICE-based vehicles running with both conventional and new fuels.

Guest Editors

Dr. Enzo Galloni

Department of Civil and Mechanical Engineering, University of Cassino and Southern Latium, 03043 Cassino, Italy

Dr. Davide Lanni

Department of Civil and Mechanical Engineering, University of Cassino and Southern Latium, 03043 Cassino, Italy

Deadline for manuscript submissions

closed (30 September 2024)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/144364

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)



About the Journal

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

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)