

Special Issue

Recent Technologies on Using Biofuels in I.C. Engines for Improved Combustion and Emissions Mitigation

Message from the Guest Editor

This Special Issue is intended to invite innovative simulations and inventive experimental research in internal combustion engines using bio-fuels (liquid or gaseous), with a main emphasis on combustion and emissions. More specifically, the topics of interest for this Special Issue comprise, but are not limited to:

- Fuel injection and spray formation
- Premixed and diffusion combustion
- Advanced combustion modes
- Application of engine combustion models
- Heat transfer and gas exchange
- Pollutants formation models
- Internal measures for emissions control
- External measures for emissions control
- Transient operation
- Second-law analysis

Guest Editor

Prof. Dr. Constantine D. Rakopoulos

Section of Thermal Engineering, School of Mechanical Engineering,
National Technical University of Athens, Heroon Polytechniou 9, 15780
Zografou, Athens, Greece

Deadline for manuscript submissions

closed (31 December 2019)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/15014

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

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





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



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

