

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

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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.

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