Disruptive Solutions for Innovative Internal Combustion Engines and Advanced Combustion

Guest Editors:

Dr. Mirko Baratta
Dipartimento Energia DENERG, Politecnico di Torino, Corso Duca degli Abruzzi 24, 10129 Torino, Italy

Dr. Daniela Anna Misul
Department of Energy, Politecnico di Torino, Corso Duca degli Abruzzi 24, 10129 Torino, Italy

Deadline for manuscript submissions:
closed (31 August 2024)

Message from the Guest Editors

We encourage researchers working in this field to share their latest developments in the field of internal combustion engines. Specific topics of interest for publication include, but are not limited to:

- Biodiesel, ammonia, and hydrogen combustion;
- Spray analysis and mixture formation;
- Advanced combustion concepts (e.g., pre-chamber);
- CFD approaches to engine modelling;
- Data-driven engine models;
- Innovative design for consumption and emissions reduction;
- Innovative solutions for combustion control;
- Advanced ATS architectures and control systems.

Special Issue

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 Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us