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Advances in Internal Combustion Engines and Motor Vehicles

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Deadline for manuscript submissions:

closed (28 June 2023)

Message from the Guest Editors

The Special Edition concerns issues related to the production, design, and optimization of the operation of ICE and their systems, in particular, innovative power systems and the improvement of vehicle design. We encourage scientists to present analyses of the operation of individual combustion engine systems and vehicle systems, as well as research on their exploitation, and the specifics of special applications such as military vehicles.

Keywords:

- Alternative fuels for internal combustion engines
- Intake air filtration systems for internal combustion engines
- Influence of the air filter on engine operation
- Fuel injection modes
- Modeling of cooperation: piston–piston rings–cylinder
- Combustion control and modeling
- Innovative combustion concepts
- Engine performance
- Engine thermodynamics
- Emission characteristics
- Biofuels blending
- Internal combustion engines in vehicles
- Internal combustion engines in special applications
- Engine's special construction
- Model of vehicle
- Modern car layouts
- Sustainable development of transport



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Special Issue



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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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Journal Rank: CiteScore - Q1 (Control and Optimization)

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