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Energy Trends of Fuel Combustion in Diesel Engine

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Message from the Guest Editors

Dear Colleagues,

This Special Issue entitled “Energy Trends of Fuel Combustion in Diesel Engine” aims to present and distribute the recent advances and propose the technological trends related to the theory and application of all types of energy fuels in diesel engines.

Research papers and review articles are welcome to publish in this Special Issue. The scope of topics of interest for publication include, but are not limited to:

- Alternative and advanced fuels
- Fuel energy management
- Modeling fuel injection and sprays
- Experimental fuel injection and sprays
- Multi-dimensional engine modeling
- Combustion and flow diagnostics
- Engine management and control
- Diesel HCCI, RCCI, PCCI, or other advanced CDC combustion
- Combustion in gaseous-fueled engines
- Abnormal combustion and cyclic variation
- After-treatment technology
- Emission control modeling
- Emissions measurement and testing
- Diesel particulate matter related emissions
- Low temperature catalytic combustion
- New diesel engine technology concepts

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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