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Advances in Fuels and Combustion

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Message from the Guest Editors

Dear Colleagues,

We are pleased to announce the upcoming Special Issue, “Advances in Fuels and Combustion”, of *Energies*.

The papers in this Special Issue are expected to advance our understanding of novel fuels (including conventional, alternative, and surrogate fuels) through new experimental, theoretical, and/or kinetic modeling studies, which include but are not limited to the following:

- Experimental studies related to facilities such as burners, jet-stirred reactors, flow reactors, shock tubes, rapid compression machines, and engines;
- Chemical kinetic modeling, including development and validation of reaction mechanisms;
- Studies of oxidative and pyrolytic reaction pathways, including species thermodynamic, transport properties, and rate expressions;
- CFD simulations of experiments, engines, and other facilities;
- Production pathways of renewable fuels, including techno-economic analysis and life-cycle analysis;
- Application of synthetic fuels in road transport, shipping, aviation, and power generation;
- Regulations and market launch;



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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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