

Special Issue

Combustion and Energy Conversion under Small Scales

Message from the Guest Editors

This Special Issue will focus on combustion and energy conversion under small scales. Original research articles as well as technical reviews on both fundamental problems and technical developments are invited for submission. Potential topics include, but are not limited to:

- Combustion characteristics under micro- and meso-scales
- Flame dynamics in micro- and meso-scale combustors
- Reaction kinetics in micro and meso-scale combustion
- Flame stabilization technologies for micro- and meso-scale combustors
- Advanced numerical methods for the micro and meso-scale combustion
- Diagnostic techniques for micro- and meso-scale combustion
- Performances of miniature combustion-based energy conversion and power generation devices
- Fuel processing in microscale reactors
- Emission control of micro combustors fueled by hydrocarbon fuels
- Combustion in porous media burners

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Deadline for manuscript submissions

closed (31 December 2021)



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About the Journal

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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