

## Special Issue

# Advances in Combustion Strategies and Fuels for Sustainable Energy and Propulsion

### Message from the Guest Editors

Nowadays, it is mandatory to promote scientific research towards efficient and low-carbon energy and propulsion systems. This is related to the efforts to meet climate neutrality and a sustainable usage of resources to satisfy an increasing global energy demand. Many power generation technologies are still based on the combustion of fossil fuels; therefore, a revolutionary innovation of such technologies is needed for this epochal turning point in the industrial sector. This Special Issue aims to present recent advances in combustion strategies with a strong shifting from standard fuels to biofuels and e-fuels for the energy generation and transportation sectors, with the aim to decarbonize and increase sustainability. Indeed, recent advances in emerging technologies can potentially result in the production and use of fuels tailored to improve combustion efficiency and reduce emissions. The assessment of these benefits will be published in this Special Issue based on in-depth studies under conditions relevant to industrial and transportation applications.

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### Guest Editors

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### Deadline for manuscript submissions

closed (10 February 2026)



## Energies

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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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### Editor-in-Chief

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