Special Issue

Combustion and Flame: Latest Research

Message from the Guest Editors

The understanding of combustion and flame in power plants not only determines the efficiency of energy transfer but also alters its environmental cleanliness. Environmentally friendly energy generation and propulsion devices are the keys for a sustainable society of the future. This Special Issue aims to present and disseminate the most recent experimental and computational research on combustion, flame, and their relationships. Topics of interests for publication include, but are not limited to, the following:

- Development and validation of energy kinetics and modelling of combustion systems;
- Experimental and computational research of laminar and turbulent combustion;
- Hydrogen- and ammonia-powered energy devices;
- Combustor developments for hydrogen turbines and ammonia turbines;
- Combustion diagnostic techniques;
- NOx and pollutant emission evaluations;
- Ammonia combustion and cracking processes.

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Deadline for manuscript submissions

closed (15 January 2024)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/160608

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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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