## Special Issue

## Fundamental Theory of Combustion in Engines

### Message from the Guest Editors

Combustion in engines is a complex physicochemical process central to energy conversion, emissions formation, and efficiency optimization. This Special Issue explores the fundamental theories underpinning combustion dynamics, including flame propagation, ignition kinetics, turbulent combustion interactions, and pollutant formation mechanisms. Research topics include, but are not limited to, aeroengines, ramjets, scramjets, rocket engines, detonation engines, etc. Example topics are given as follows:

- Fundamental combustion physics;
- Advanced modeling and simulation;
- Experimental diagnostics and validation;
- Alternative and sustainable fuels;
- Emissions control and mitigation strategies;
- Emerging combustion technologies.

#### **Guest Editors**

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### Deadline for manuscript submissions

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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.

### Editor-in-Chief

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