

## Special Issue

# Numerical Investigations of Combustion

### Message from the Guest Editors

The Guests Editors are pleased to invite submissions for a Special Issue entitled “Numerical Investigations of Combustion” in the open access journal *Energies*. This Special Issue is launched to address recent advances in numerical modeling of combustion-related applications. With the recent advancements in computational capacities and the widespread applications of machine learning in engineering problems, the role of numerical methods is becoming more and more important to improve existing models or develop new models that can help researchers to better understand the underlying physics of combustion, their interaction with other physical phenomena such as turbulence, and their impacts on the performance of the related applications at both fundamental and practical levels. This Special Issue aims to highlight the most recent advances in the development and application of such numerical methods.

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### Guest Editors

Dr. Alexandre M. Afonso

Dr. Pedro Miguel Rebelo Resende

Prof. Dr. Mohsen Ayoobi

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### Deadline for manuscript submissions

closed (28 February 2022)



## 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

Prof. Dr. Enrico Sciubba

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