Special Issue

Experimental Analysis and Numerical Modelling of Heat Transfer and Fluid Flows in Energy Systems

Message from the Guest Editors

In order to meet the goals set by the European Commission in terms of reduction of pollutants emission by 2050, the energy systems designers have increased their efforts to adopt greener technologies and to develop innovative solutions. That is especially true in the energy generation and in the propulsion fields that highly contribute to CO2 emissions. It is also evident that newly designed experimental equipment and high-fidelity Computational Fluid Dynamics represent fundamental tools to deal with such demanding outcomes. For those reasons, the is inviting submissions to a Special Issue of *Energies* on the subject area of "Experimental Analysis and Numerical Modelling of Heat Transfer and Fluid Flows in Energy Systems". Topics of interest for publication include, but are not limited to:

- Experimental Analysis
- Computational Fluid Dynamics
- Uncertainty Quantification
- Artificial Intelligence
- Turbomachinery
- Pressure Gain Combustion
- Internal Combustion Engines
- Hybrid Engines
- Heat Transfer

Guest Editors

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Deadline for manuscript submissions

closed (30 October 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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