Special Issue

Fluid Mechanics and Thermodynamics: Theory, Methods and Applications

Message from the Guest Editor

Papers collected for this Special Issue aim at understanding problems of fluid mechanics nature associated with recent approaches to increasing the efficiency of heat transfer and thermal energy storage in fluids. In particular, the interest is focused on papers presenting new ideas, such as the application of fluidic devices, especially no-moving-part fluidic oscillators which can achieve a considerable intensification of the transfer processes without the addition of external energy, on the basis of the flow oscillation they generate. Other approaches for the intensification of heat transfer and storage in fluids, especially those generally less known, will also be of interest.

Guest Editor

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Deadline for manuscript submissions

closed (20 July 2019)

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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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