

Special Issue

Computational Heat Transfer and Fluid Mechanics

Message from the Guest Editors

We would like to invite you to submit a paper to the Special Issue of *Energies* on the subject area of “Computational Heat Transfer and Fluid Mechanics”. With the advances in high-speed computer technology, complex heat transfer and fluid flow problems can be solved computationally with high accuracy.

Computational modeling techniques have found a wide range of applications in diverse fields of mechanical, aerospace, energy, environmental, as well as numerous industrial systems. Computational modeling has also been used extensively for optimization of performance of a variety of engineering designs. This Special Issue would welcome papers in various aspects of innovative computational heat transfer and fluid flows, including both fundamental and practical applications of single and multiphase flows, turbulent flows, energy storage, heat exchangers, respiratory flows and heat transfer, and biomedical applications. Dr. Pouyan Talebizadehsardari

Guest Editors

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Deadline for manuscript submissions

closed (30 September 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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