

Special Issue

Heat Transfer and Fluid Flows for Industry Applications

Message from the Guest Editors

Heat transfer is the main process which is encountered in energy utilization fields, such as power plants, air conditioning, renewable energy utilization, thermal management, et al. Experimental and numerical methods have been adopted to study the characteristics of fluid flow and heat transfer in this field. Recently, some new insights into heat transfer mechanisms and new methods to enhance heat transfer of single- and multi-phase flows have been discovered. This special issue expects to provide a platform in the area of flow and heat transfer in the energy utilization fields. The scope of the special issue includes all aspects of theoretical, numerical, and experimental investigations of fluid flow dynamics and heat transfer. In this Special Issue on "Heat Transfer and Fluid Flows for Industry Applications", we welcome review articles and original research papers, fundamental or applied, theoretical, numerical, or experimental investigations on fluid flow dynamics and heat transfer phenomenon.

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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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