Special Issue

Modeling and Analysis of Fluid Flow and Heat Transfer

Message from the Guest Editor

This Special Issue aims to showcase the latest research in fluid flow and heat transfer modeling. Fluid flow is considered both in boiler devices accompanied by combustion and heat exchange, as well as in heat exchangers and flow machines. In terms of the design and modernization of equipment, flow research is an essential point in the development of machinery and equipment. Heat transfer accompanies most of the phenomena occurring in the surrounding technical reality. Research on models and the use of modeling in the description of heat transfer issues are significant. The topics discussed include numerical, laboratory, and real in situ research.

- numerical modeling
- energy
- flow
- combustion
- heat transfer
- measurements
- boilers
- turbines
- multi-phase flows

Guest Editor

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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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