Special Issue

Heat and Mass Transfer and Fluid Flow

Message from the Guest Editors

Heat transfer is widely used in various fields of science and technology. However, low heat-transfer efficiency has always been a bottleneck that restricts the development of many cutting-edge technologies, such as high-power electronic chip cooling and surface thermal protection of supersonic vehicles, etc. It is a challenging task to study heat transfer and flow under extreme conditions, such as confined spaces and ultra-high heat flux. This Special Issue, entitled “Heat and Mass Transfer and Fluid Flow”, welcomes high-quality original papers that focus on a broad range of topics of interest, including but not limited to:

- condensation, boiling, evaporation;
- jets, wakes, and impingement cooling;
- micro/nanoscale heat transfer;
- multiphase flow;
- transport processes;
- modelling and computational methods.

Guest Editors

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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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