



Heat Transfer and Fluid Flow in Heat Exchangers and Sustainable Energy Systems

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Deadline for manuscript
submissions:
closed (20 June 2023)

Message from the Guest Editors

This Special Issue seeks to showcase a selection of research articles on experimental and numerical heat transfer and fluid flow studies in various thermal and energy systems, and it is intended to provide a forum for presenting various multidisciplinary aspects of such systems.

The topics of interest for this Special Issue include (but are not limited to) the following:

- Computational Fluid Dynamics (CFD) in energy systems;
- Heat transfer in single phase and multiphase flow;
- Techniques of heat transfer enhancement and energy saving;
- Analysis of fluid flow and heat transfer in thermal and energy systems;
- Active and passive cooling systems;
- Complex heat transfer in energy systems;
- Design optimization of heat exchangers;
- Turbomachinery;
- Micro-fluidics and nanofluidic heat transfer;
- Thermal storage systems.

Articles on any aspect of the application of numerical, theoretical, or experimental methods to problems in the above-mentioned broad aspects are welcome. Studies which contain new ideas and whose analyses go beyond established theories are especially encouraged.





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Message from the Editor-in-Chief

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