Special Issue

Advanced Thermal Management Technologies and Heat Transfer

Message from the Guest Editors

This Special Issue will cover novel and emerging thermal management and heat transfer techniques for energy and power systems. Topics of interest for publication include, but are not limited to, the following: Multi-phase flow and heat transfer; Phase change heat transfer and materials; Micro/nano-scale heat transfer; Enhanced heat transfer techniques; Electronics cooling; Thermal interface materials and analysis; Thermal management in electric vehicles; Anti-icing and de-icing of energy/power infrastructure; Thermal energy storage; Battery thermal management; Heat transfer in renewable energy systems; Air conditioning and refrigeration; Artificial intelligence (including machine learning) in developing thermal management and enhanced heat transfer technologies.

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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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