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Advanced Thermal Analysis and Management Technology

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Deadline for manuscript submissions:

closed (30 April 2023)

Message from the Guest Editors

Dear Colleagues,

Energy collection, conversion, and utilization processes are usually accompanied by heat transfer and temperature change. This Special Issue is open to researchers and authors who want to submit their research and review articles in the area of thermal analysis, modeling, and management for a specific surface, structure, equipment, etc. Topics of interest for publication include but are not limited to:

- Conductive, convective, radiative heat transfer
- High-accuracy/efficiency/stability thermal numerical methods
- Optimization in thermal engineering
- Renewable energy harvesting and conversion
- Innovative thermal management technology
- Flow and heat transfer in heat exchanger
- Electronics chip/device cooling
- Thermal control for spacecraft, vehicles, fuel cells
- Radiative cooling



mdpi.com/si/98022

Special Issue



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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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