Special Issue

Thermal Management Strategies and Advanced Regulation Techniques

Message from the Guest Editors

This Special Issue aims to demonstrate advances in thermal management from quite broad perspectives, e.g., phase change materials, phase change heat transfer, impingement jet, microfluidics cooling, or heat pipes. Experimental and numerical studies are both of interest. Both research and review papers are in the scope of this Special Issue, which is open access for researchers and engineers. Potential topics include but are not limited to:

- Innovative thermal management technology and design;
- Theory, methods, and applications of enhanced heat transfer technique;
- Trends and prospects in boiling/condensation and heat pipes;
- New trends in phase change materials;
- New insights into film cooling, transpiration cooling, active regeneration cooling, spray cooling, etc., usually used in aerospace;
- Challenges and research trends of microfluidics cooling;
- Advances in impingement jet and combined cooling mode.

Guest Editors

Dr. Yong Li

Prof. Dr. Bengt Sunden

Prof. Dr. Sandra K. S. Boetcher

Dr. Jiajie Zhang

Dr. Zhen Cao

Dr. Feng Zhang

Deadline for manuscript submissions

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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