



Thermal Management Strategies and Advanced Regulation Techniques

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Deadline for manuscript
submissions:

closed (31 July 2023)

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.





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Message from the Editor-in-Chief

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