



Heat Transfer Processing Technologies for Sustainable Thermal Engineering

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Message from the Guest Editors

The Special Issue will cover the following areas:

- advances in heat transfer enhancement by means of passive and active approaches;
- heat transfer for the new generation of environmentally safe working fluids in thermal engineering;
- thermodynamic and thermokinetic properties of environmentally safe heat transfer fluids;
- advances in microchannel heat exchangers modelling, design, applications, and manufacturing;
- investigations of physical aspects and reduction of thermal degradation processes of heat transfer equipment, including aspects of fouling, frosting, and inert gases effects;
- development of accurate modelling of heat transfer equipment;
- innovative approaches for the development of heat transfer equipment and its applications;
- environmental assessment of heat transfer processing.





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Message from the Editor-in-Chief

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