



Fluid Flow and Heat Transfer: Latest Advances and Prospects

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Message from the Guest Editors

Dear Colleagues,

Heat transfer and fluid flow devices are involved in many different industrial applications, coping with multiple constraints, such as reduced volumes and/or weights, lower and lower temperatures to be maintained, and, very importantly in recent years, environmental aspects. Different and complex heat transfer mechanisms are the basis of the development and design of new heat transfer devices. This Special Issue aims to cover both the fundamental mechanisms involved and the devices, covering aspects related, but not limited, to: experimental and numerical approaches for multiphase heat and mass transfer (e.g., flow boiling, pool boiling, and condensation); compact heat exchangers; microfluidics; phase change materials (PCMs); and HVAC&R systems.

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Message from the Editor-in-Chief

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