

Special Issue

Experimental and Numerical Study of Energy and Thermal Management Systems

Message from the Guest Editors

The convergence between experimental research and numerical modeling is central to advancing the understanding of thermal energy and systems management. The relentless pursuit of energy efficiency and the intelligent, optimized management of thermal systems are now global imperatives. In this context, the search for innovative methodologies capable of identifying more appropriate forms and procedures to configure the use, processing, and execution of energy efficiently is a constant challenge. This challenge is driven by the need to achieve greater efficiency from a technical point of view and consider financial and environmental aspects. Integrating experimental and/or real studies with advanced numerical simulations aims to optimize the use of resources, improve sustainability, and develop innovative strategies for thermal management. For this purpose, we would like to invite you to submit your original research to this Special Issue of *Processes*, entitled "Experimental and Numerical Study of Energy and Thermal Management Systems".

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