INTERNATIONAL JOURNAL OF HEAT AND FLUID FLOW

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DESCRIPTION

*The International Journal of Heat and Fluid Flow* publishes high impact research that primarily expands upon the interplay between fluid dynamic processes and convective heat transfer through the use of experiments and/or computer simulations, with an emphasis on the physics associated with the problem considered. Papers are welcomed that report the uses of these disciplines to engineering design and development. The Journal especially seeks to publish high-quality original contributions that focus on interdisciplinary applications, including but not limited to micro/nano-scale systems; medical and biological systems; fluid-structure interaction; and thermal and flow control in both the internal and external environment.

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Academic and industrial researchers; practicing energy engineers specializing in heat and fluid flow, heat transfer, and thermodynamic systems; and mechanical, chemical, aerospace, and nuclear engineers.

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Description
Advances in the understanding of heat transfer and fluid flow continue to be crucial in achieving improved performance and efficiency in a broad range of mechanical and process plants. The International Journal of Heat and Fluid Flow welcomes high-quality original contributions on experimental, computational, and physical aspects of convective heat transfer and fluid dynamics relevant to engineering or the environment, including multiphase and microscale flows. Papers reporting the application of these disciplines to design and development, with emphasis on new technological fields, are also welcomed. Some of these new fields include microscale electronic and mechanical systems; medical and biological systems; and thermal and flow control in both the internal and external environment.

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