INTERNATIONAL JOURNAL OF HEAT AND FLUID FLOW

AUTHOR INFORMATION PACK

TABLE OF CONTENTS

- Description p.1
- Audience p.1
- Impact Factor p.1
- Abstracting and Indexing p.2
- Editorial Board p.2
- Guide for Authors p.4

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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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.

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