Special Issue

Recent Advancements in Thermal Fluid Engineering and Flow Device Systems

Message from the Guest Editors

Many sectors of industry are dependent on thermal fluids. It is difficult to imagine an industrial process carried out without the use of heat and a liquid or gas. In the fuel and energy sector, this seems to be downright impossible. Therefore, providing access to knowledge to guarantee the development of thermal fluid engineering and flow device systems brings increasing challenges to researchers. This situation raises the need for strong research development of many processes and devices for which fluid flow is the foundation of operation. All this underlies the decision to create this Special Issue. As the research area of thermal fluid engineering and flow device systems includes complex aspects, the topics of interest for publication include a fairly wide scope of research and review papers. Among others, one can mention:

- Heat and mass transfer,
- Thermal processes,
- Single and multiphase flow,
- Flow structures and patterns,
- Condensation,
- Refrigeration,
- Turbulent flow,
- Maldistribution of the fluids.

Guest Editors

Dr. Grzegorz Ligus

Dr. Małgorzata Sikora

Dr. Marek Wasilewski

Deadline for manuscript submissions

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Energies
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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