Special Issue

Latest Advances and Prospects of Thermal-Hydraulics in Nuclear Power System

Message from the Guest Editors

The Special Issue aims to provide a platform for the latest high-quality progress in the area of **Thermal-Hydraulic in Nuclear Power Systems**. The scope of the Special Issue includes all aspects of theoretical derivation and analysis, model development and simulation, experimental investigation and engineering application. Submitted articles should contribute to a better understanding of the thermal-hydraulic phenomena and their physics laws. The Special Issue will also consider the publication of state-of-the-art reviews to highlight the possible future direction from the professional insights of world-renowned researchers. Scientific and technical contributions include, but are not limited to:

- Fundamental thermal-hydraulics;
- Experimental thermal-hydraulics;
- Computational thermal-hydraulics;
- Code development and applications;
- Thermal hydraulics and safety;
- Thermal hydraulics of advanced reactors;
- Thermal hydraulics of nuclear installations;
- Severe accidents, phenomena, modeling, and experiments.

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Deadline for manuscript submissions

closed (31 January 2025)

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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.

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