

Special Issue

Enhancement of Heat Transfer in Power Plants

Message from the Guest Editor

Papers that analyze aspects related to the enhancement of heat and mass transfer, useful for increasing the knowledge on energy systems, on the basis of one or more of the following topics, are welcome in this [Special Issue](#):

- Methods of intensification of heat and mass transfer;
- Enhanced heat transfer during phase transformations (evaporation, boiling, condensation);
- Vortex and tornado-like methods of enhancement;
- Separated flows, ribs, steps, etc.
- Physics flows and heat transfer;
- Heat transfer on the walls with dimples, cavities, trenches, and protrusions;
- Vortex generators;
- Enhancement of heat transfer in impact jets and multiple jets;
- Heat transfer and hydrodynamics in two-phase gas droplet, gas–liquid, and gas-dispersed flows;
- Surface modification in two-phase systems; and
- Features of enhancing heat transfer in mini- and micro-channels and micro-jets.

This list is not exhaustive. Therefore, works focused on other research areas that related to this Special Issue are also appreciated and invited.

Guest Editor

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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.

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