Special Issue

Advances in Applications, Operating, Design and Modelling of Heat Transfer Equipment

Message from the Guest Editor

Heat exchangers, fired heaters, furnaces and water or steam boilers belong to the essential heat transfer equipment in production processes of most industry sectors (power, food, pharmaceutical, chemical, petrochemical, refinery, energy, etc.) as well as applications of the communal sphere (waste incineration plants, heating plants, laundries, hospitals, spa and health resorts, server rooms, etc.). Increasing demands for economical, efficient and environmental heat energy management can only be achieved when not only the layout of the whole system but also the individual heat transfer equipment will be designed according to state-of-the-art knowledge. The purpose of this Special Issue is to publish the latest advances in the design, modeling and operation of traditional heat transfer equipment, and in the field of unconventional and innovative designs of heat transfer equipment and their applications.

Guest Editor

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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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