# Special Issue

# Heat Transfer Enhancement

### Message from the Guest Editors

Development of modern engineering applications demands heat transfer enhancement. At the same time, efficient heat transfer equipment is necessary to reduce energy consumption and improve energy savings. Heat transfer enhancement techniques can be found in different engineering applications, such as solar energy systems, thermal control, electronics cooling, nuclear reactors, heat exchangers, automotive cooling, refrigeration, chemical process, etc. They are classified as passive methods and active methods. In the first method, no direct application of external power is required, whereas in the second method an external power source is necessary. Plate fins, nanofluids, and porous insertions can be considered as examples of passive techniques, while magnetic fields, induced vibrations, and rotations are examples of active techniques. The present Special Issue is a good opportunity to collect original papers on the most recent research activities on the topic of Heat Transfer Enhancement to provide useful guidelines for future research directions and engineering applications.

### Guest Editors

Dr. Mikhail Sheremet
Prof. Oronzio Manca
Prof. Ioan Pop

### Deadline for manuscript submissions

closed (30 April 2019)

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

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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.

## Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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