

## Special Issue

# Heat Transfer and Energy Harvesting in Fluid System

### Message from the Guest Editors

For this Special Issue of *Machines* we are seeking studies which present analytic solutions to any kind of hydrodynamic or heat flow equations. The investigation and knowledge of such equations are extremely important for planning and building of water machines, e.g., turbines for heat engines, internal combustion engines or even choosing the proper shape of airplanes or ships. On the other hand, the mathematical structure of equation systems capable of describing such processes are very complex. Nowadays, multi-physics engineering software can handle compound heat and flow conduction problems numerically up to a given level of accuracy. The search for new solutions to these equations is an evergreen and fascinating intellectual topic. We hope that the reader will enjoy this intellectual tour through interesting problems and will help us to learn new paradigms which will be successfully applicable in her/his scientific career.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2023)



## Machines

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## About the Journal

### Message from the Editor-in-Chief

*Machines* is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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### Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso  
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