



Optimization and Flow Characteristics in Advanced Fluid Machinery

Guest Editors:

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Deadline for manuscript
submissions:

closed (30 November 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will promote a platform for the sharing of knowledge among researchers in the field of fluid machinery including theoretical analysis, numerical simulation, and experimental study. This Special Issue will cover a wide range of disciplines as follows:

- Optimization of advanced fluid machinery using different advanced algorithms;
- Flow characteristics of advanced fluid machinery using numerical and experimental methods;
- Vibration and noise of advanced fluid machinery;
- Fluid-structural coupling analysis of advanced fluid machinery;
- Cavitation and multi-phase flow of advanced fluid machinery;
- New energy systems, simulation and optimization;
- Other aspects on fluid machinery.

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Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.

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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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