

Special Issue

Application of Computational Fluid Mechanics in Fluid Machinery

Message from the Guest Editor

Fluid mechanics is of immense interest in both science and engineering. On one hand, the mathematical intricacies of the Navier–Stokes equations remain an unsolved challenge. On the other hand, engineers face increasing pressure to design and construct machines that operate reliably with fluids, even under extreme conditions. The key to overcoming this challenge lies in the application of sophisticated, state-of-the-art numerical methods to effectively solve complex flow problems. The aim of this Special Issue is to showcase outstanding studies that analyze and solve complex hydrodynamical problems using advanced numerical algorithms and methods.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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