Special Issue

Theoretical, Computational and Experimental Fluid Dynamics: Methods and Advanced Applications

Message from the Guest Editors

This Special Issue on "Theoretical, Computational and Experimental Fluid Dynamics: Methods and Advanced Applications" aims to summarize new developments in the following areas: theory of fluid dynamics (nem models, analytical solutions and fundamentals); numerical solution of the equations that govern simple and complex flows (finite volume methods, finite element methods, finite difference methods, meshless methods, etc.); experimental studies that involve simple, complex and mixed flows. All researchers working in these areas are invited to submit their work. All submissions will be subject to a rapid and thorough review.

Guest Editors

Prof. Dr. Antonio Castelo Filho

Dr. Alexandre M. Afonso

Dr. Luís Lima Ferrás

Deadline for manuscript submissions

closed (20 January 2025)

MDPI

About the Journal

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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