Special Issue

Computational Fluid Dynamics for Biological Applications and Bio-Inspired Designs

Message from the Guest Editor

In recent years, the field of computational fluid dynamics (CFD) has grown rapidly while it has been applied to fundamental and applied applications. This Special Issue emphasizes three topics in CFD including, but not limited to: algorithm development in CFD; CFD for biological applications; and CFD for bio-inspired design. Submitted papers should cover CFD algorithms, methods and applications relevant to the current research and applied CFD challenges. CFD models at different scales, including the microscale, mesoscale and macroscale, are welcome in this Special Issue. Both high-fidelity and reduced-order CFD research will also be acceptable.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2024)

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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