Special Issue on Computational Fluid Dynamics

Call for Papers

Computational fluid dynamics (CFD) is the use of applied mathematics, physics and computational software to visualize how a gas or liquid flows -- as well as how the gas or liquid affects objects as it flows past. Computational fluid dynamics is based on the Navier-Stokes equations. These equations describe how the velocity, pressure, temperature, and density of a moving fluid are related. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of computational fluid dynamics.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore computational fluid dynamics. In this special issue, potential topics include, but are not limited to:

- Convergence in computational fluid dynamics
- Discretization methods in computational fluid dynamics
- Turbulence models in computational fluid dynamics
- Partial differential equations in computational fluid dynamics
- Two-phase flow
- Applications of computational fluid dynamics

Authors should read over the journal’s For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal’s Paper Submission System.

Please kindly specify the “Special Issue” under your manuscript title. The research field “Special Issue - Computational Fluid Dynamics” should be selected during your submission.

Special Issue timetable:

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<td>Publication Date</td>
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Guest Editor:

For further questions or inquiries
Please contact the Editorial Assistant at ojfd@scirp.org