



Computational Fluid Dynamics in Fluid Machinery

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Message from the Guest Editors

Dear Colleagues,

Computational fluid dynamics (CFD) is widely used in the manufacturing of aerospace aircraft, petroleum, chemical, aerospace, water conservancy, agricultural irrigation and other industrial fields. Prof. Ramesh Agarwal is an outstanding representative, and developed the Wray–Agarwal turbulence model.

To celebrate the contributions of Prof. Ramesh Agarwal, we have created a new Special Issue. This Special Issue seeks high-quality original research and review articles with a focus on recent advances in computational research on aerospace design and fluid dynamics. Potential topics include but are not limited to the following:

- Airfoil;
- Aerospace materials;
- Control of unsteady flow in fluid machinery;
- Application of new turbulence models, such as the Wray–Agarwal model;
- Multi-phase flow in fluid machinery;
- Turbulence in fluid machinery;
- Rotating stall;
- Fluid–solid interaction;
- Drag reduction;
- Incompressible and compressible fluids;
- Other relevant topics.





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Message from the Editor-in-Chief

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