Special Issue

Engineering Fluid Dynamics 2021-2022

Message from the Guest Editor

Over the last few decades, the use of computational fluid dynamics (CFD) and experimental fluid dynamics (EFD) methods have penetrated into all fields of engineering. CFD is now becoming a routine analysis tool for design in some fields (e.g., the aerodynamics of vehicles), and its implementation in other fields (e.g., chemical and marine application) is quickly being adopted. Additionally, in the last decade, open source software has had a tremendous impact on the use of CFD. Laser-based methods have also made significant improvements in the methods used to obtain data for the validation of the CFD codes. The present Special Issue invites contributions on the topic of engineering fluid dynamics, of both experimental and computational studies. Of special interest are submissions from the fields of mechanical, chemical, marine, safety, and energy engineering. We welcome both original research articles and review articles.

Guest Editor

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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