

Special Issue

CFD Simulation of Fluid Machinery

Message from the Guest Editors

We encourage contributions that propose new cavitation formulations to improve CFD predictions, as well as the use of data-driven or CFD-AI approaches capable of enhancing predictive capabilities in complex scenarios. Contributions exploring the application of existing models under challenging conditions are also welcome. The CFD models should be supported by experimental validation to ensure reliability. Although motivated by hydraulic turbines, the scope extends to flow machines in general, involving cavitation and/or sediment erosion, opening opportunities for methodological advances that benefit a wide range of applications. We therefore invite the scientific community to contribute studies that advance the use of CFD in addressing these challenges.

Guest Editors

Prof. Dr. André Luiz Amarante Mesquita

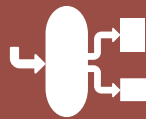
Laboratory of Fluid Dynamics and Particulate, Federal University of Pará, Tucuruí 68455-901, PA, Brazil

Dr. José Gustavo Coelho

Faculty of Mechanical Engineering, Federal University of Triângulo Mineiro, Uberaba 38064-200, MG, Brazil

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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