Special Issue

Cavitating Flows

Message from the Guest Editor

Cavitation flows are of great interest due to their inherent complexity, their negative effects in many industrial applications and their recently discovered positive effects in fields such as the environment and the biomedical engineering. Consequently, it is necessary to advance in the understanding and simulation of cavitation in any of its forms in order to be able to control its effects and to take profit from them to benefit the industry and the society in general. This Special Issue of Cavitating Flows is dedicated to publishing original numerical and experimental research works that increase our basic understanding of cavitation phenomena and its application to engineering problems. More specifically, this issue intends to collect contributions on any form of cavitation comprising isolated and clusters of bubbles, attached sheets, cloud cavitation, vortex cavitation and supercavitation appearing both in fluid machinery and flow systems.

Guest Editor

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