

Special Issue

Fluid Structure Interaction: Methods and Applications

Message from the Guest Editors

Fluid–structure interaction (FSI) is ubiquitous in engineering applications and in natural systems. Nevertheless, the methods, governing parameters, and scaling laws for different applications are still underdeveloped. The numerical methods for FSI suffer from numerical instability, time step restriction, parallel scalability issues, and high computational costs, among others. Novel experimental approaches for FSI measurements are needed for multidisciplinary applications across a range of spatio-temporal scales. This Special Issue of *Fluids* is dedicated to recent advances in numerical or experimental methods for FSI, comparisons of different FSI techniques, and the applications that shed light on the FSI governing parameters and scaling laws.

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