Special Issue

20 Years of Regularized Stokeslets: Applications, Computation, and Theory

Message from the Guest Editors

The Method of Regularized Stokeslets, first introduced in 2001, has had profound and broad impacts on the field of fluid dynamics, particularly at microscopic length scales. This Special Issue of *Fluids* will highlight current perspectives of the Method of Regularized Stokeslets, its contributions to numerical analysis, and how it is leveraged to investigate applications such as the study of microswimmer locomotion strategies and fluid mixing. We invite submissions ranging from review articles to mathematical analysis, algorithmic advances, and computational issues related to the method of Regularized Stokeslets, as well as studies that utilize these methods to investigate the fluid dynamics of applications at the microscale.

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Deadline for manuscript submissions

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