

Special Issue

Multiscale Modeling of Complex Fluids and Soft Matter

Message from the Guest Editors

Complex fluids and soft matter are ubiquitous in many engineering and biological processes. The responses of these materials to macroscopically imposed fields are governed by their underlying microstructures and dynamics. Describing this behavior requires modeling methods, computational techniques, and experimental designs capable of resolving interactions across a wide range of temporal and spatial scales. Consequently, advances in modeling approaches and measurement techniques, together with faster computers and improved numerical methods, are opening doors to exciting new research areas within the field. Active researchers working on the modeling, analysis, and simulation of complex materials are invited to showcase their findings. This Special Issue will provide a look into the contemporary research directions in this rapidly developing and challenging multidisciplinary domain.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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