



Multiscale Simulations in Soft Matter

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Message from the Guest Editor

Dear Colleagues,

Multiscale modeling is interdisciplinary. Dynamics of complex, soft and biological materials typically exhibits large-scale, ultra-slow time evolution which can easily become several orders larger than typical microscopic length and time scales. Concepts and effective simulation methods bridging between different length and time scales are strongly desired. This issue aims to review the current state of the art in multi-scale simulations for bio- and soft materials and to highlight latest advances in applications and methodologies. The topical themes include computational methods for intermolecular forces, computational modelings for fluids, bio- and soft materials, coarse-graining methods, hybrid methods of micro/meso/macro simulations, non-equilibrium simulations, etc.

Prof. Dr. Martin Kröger
Guest Editor





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