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New Advances in Theory and Simulation of Block Copolymers

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Message from the Guest Editor

Dear Colleagues,

In the past few decades, block copolymers have garnered significant attention in both academia and industry due to their versatile applications, which include elastomers, drug delivery systems, and nanolithography. These advancements have been driven by substantial progress in computational research, providing theoretical insights and guidelines essential for the development and optimization of these materials. This Special Issue will highlight a diverse range of computational approaches, encompassing theoretical studies and simulations, that investigate the properties, phase behaviors, and self-assembly of block copolymer materials. Contributions that advance our understanding of these complex systems through innovative computational techniques are particularly encouraged.

Prof. Dr. June Huh

Guest Editor



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Special Issue



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