



Phase Transitions in Polymer and Polymer-Based (Nano)Composites

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submissions:

closed (30 June 2020)

Message from the Guest Editors

Dear Colleagues,

The Special Issue “Phase Transitions in Polymers and Polymer-Based (Nano)Composites” focuses on complex phenomena, such as phase transitions (glass, melting, crystallization) in polymers and composites/nanocomposites based on polymeric matrices. Cooperative transitions and order–disorder transitions related to the self-assembly of copolymers and block copolymers are also considered, including phase transition in magnetically and/or electrically ordered systems, together with investigations on phase transitions in liquid crystals and polymer liquid crystals. Contributions focused on transition processes in confined materials or at the interface between nanofillers and polymeric matrices are also welcomed. Manuscripts focused on the transition from the volume (bulk) behavior to the surface behavior in (nano)materials as well as on percolation-related phenomena in polymer (nano)composites are also invited.

For further reading, please visit the ***Special Issue website***.





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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.

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