



## Synergy Effects in Mechanical and Tribological Properties of Polymers and Polymer Composites

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### Message from the Guest Editor

The philosophy of polymer material development for structural and functional applications is determined by the cyclical nature of scientific and technological advances in the field of chemistry, mechanics, and the materials science of polymers, etc. The emergence of fundamentally new polymer matrices opens up new application areas for such materials, while the loading of various types of fillers and modifiers (as well as the development of new methods for combining/compounding/processing of composites) makes it possible to multiply the physical-mechanical properties or impart upon them new functional properties. As part of the announced Special Issue “Synergy Effects in Mechanical and Tribological Properties of Polymers and Polymer Composites”, authors of original scientific papers are invited to i) discuss the possibility of achieving such synergistic effects, ii) explain the principles of their occurrence and long-term maintenance, iii) illustrate the possibility of their practical application, and iv) model similar processes within the framework of classical or interdisciplinary approaches.





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