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Polymer Composites for Tribological Applications

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Message from the Guest Editor

The purpose of this Special Issue is to discuss the new results obtained in the following topical research areas:

- (i) Development of advanced wear models for polymer composites, and the verification of numerical simulation results versus the data of experimental studies;
- (ii) Development of advanced composite materials with enhanced tribological properties with a comprehensive study of their structure and tribomechanical properties;
- (iii) Construction of a generalized multi-level approach to the design of polymer composites, based on the solution of connected problems of structure formation and adaptive response under tribological loading.

Keywords

- polymer composites
- wear
- materials design
- multiscale simulation



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Message from the Editor-in-Chief

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