



Polymer/Particle Composites: New Advances and Applications

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Message from the Guest Editor

Polymers, particles, and their composites continue to act as popular model systems for the development of new materials, processes, and technologies to meet the increasing demands of new functions for applications in fields that broadly range from daily care to environmental remediation, oil recovery, new energy, life health, soft-robotics, etc. In particular, more and more attention is being focused on high-performance polymers that are also environmentally degradable, readily recyclable, renewable (e.g., vitrimer), or attainable from sustainable resources; on particles that have unique functions with designable structures and programable behaviours; and on polymers/particles (e.g., composites and blends) that have enhanced or new properties with tailorable microstructures and tuneable interactions.

This Special Issue aims to cover the latest advancements in materials, processes, properties, and applications related to polymers, particles, and their mixtures, especially those that are developed based on fundamental understandings of the interfaces between different phases or components.





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Message from the Editor-in-Chief

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