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Adhesion Mechanics of Composites

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Message from the Guest Editors

Dear colleagues,

Composites have been widely used in airplanes, vehicles, buildings, and structures in our daily lives (e.g., doors and windows) due to their superior mechanical properties, low weight, and multifunctionalities. The synergies of two or more different constituent materials are the key to achieving these properties, which are greatly impacted by the adhesion mechanics at interfaces between different materials. This Special Issue, “**Adhesion Mechanics of Composites**”, aims to collect high-quality original research papers and comprehensive reviews on recent advances in the field of the mechanics of interfaces in composites. All areas in composite mechanics are welcomed, with examples included but not limited to mechanics modeling and characterization, underlying design mechanisms of natural biological composites, bio-mimetic and bio-inspired design, and the manufacturing of engineered composites as well as their applications.



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Special Issue



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Message from the Editor-in-Chief

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