

## Special Issue

# Adhesion Mechanics of Composites

### 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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### Guest Editors

Dr. Teng Zhang  
Dr. Xin Yi  
Dr. Haimin Yao

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### Deadline for manuscript submissions

closed (20 September 2023)



## Materials

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### Message from the Editorial Board

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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