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Mechanical Properties and Manufacturing Processes of FRP Composite Materials

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Message from the Guest Editors

Dear Colleagues,

In recent decades, fiber-reinforced polymer (FRP) composites have been increasingly adopted in the field of engineering to achieve a reduced weight, a prolonged service life, or improved structural performance. Applications of FRP composites mainly lie in their advantages of high strength- and stiffness-to-weight ratios, superior corrosion resistance, excellent fatigue performance, etc. FRP composites can be manufactured through various techniques depending on the desired mechanical properties and geometries, and the most common techniques include pultrusion, filament winding, vacuum-assisted resin transfer molding, compression molding, wet lay-up, etc.

This Special Issue is seeking research on the mechanical properties and manufacturing techniques of FRP composites. To align with the scope of the journal, only research on materials for engineering is welcome.

Dr. Tian-Qiao Liu
Dr. Alexander Safonov
Dr. Daniel Carlos Taissum Cardoso
Guest Editors

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Message from the Editor-in-Chief

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