

## Special Issue

# Dynamic Behavior of Laminated and Sandwich Composite Materials

### Message from the Guest Editor

Evaluating the behavior of composites under dynamic loading conditions (impact, blast, and vibration) has reached a high level of maturity, facilitating the design of nanocomposites and composites with multifunctional properties by using experimental and numerical simulation methodologies. Laminated and sandwich composite fabrication requires further research on topics such as advanced and automated manufacturing processes and the novel design of metamaterials. Our objective is to bring together various techniques developed for the fabrication of composites via additive manufacturing, with the aim of presenting new perspectives on improved technologies for controlling the microstructure of composites. Thus, composites can be designed with enhanced overall material toughness and without compromised strength and stiffness. In this Special Issue, we aim to acquire a better understanding of the rate- and temperature-dependent dynamic mechanical properties of composites and their anisotropic properties by assessing the relationships between microscopic and macroscopic parameters specific to damage mechanisms.

### Guest Editor

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### Message from the Editor-in-Chief

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