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Advancements in the Structural Integrity of Composite Materials

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Deadline for manuscript submissions:

20 December 2024

Message from the Guest Editors

Dear Colleagues,

The utilization of composite materials is progressively supplanting traditional materials such as metals due to their advantageous properties, including lightness, high strength, design flexibility, and extended service life. However, this transition presents challenges in designing composite structures, forecasting damage initiation and progression, and establishing safe operational limits to ensure structural integrity. Addressing these complexities, this Special Issue aims to furnish essential data, models, and tools crucial for understanding structural integrity and predicting the lifetimes of composite materials. This endeavor necessitates the use of sophisticated mathematical, computational, and experimental methodologies. Therefore, we invite scholars to contribute original research and review papers focusing on enhancing the reliability of structural integrity in composite materials through precise and efficient modeling, design, analysis, experimental validation, and other pertinent approaches.

Dr. Paulo Nobre Balbis dos Reis Dr. Luis Miguel Marques Ferreira *Guest Editors*













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Message from the Editor-in-Chief

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