



## Machine Learning in Composites

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

Composites have gained a vital place in various sectors due to their high specific properties and flexibility in the design of layups. However, ample testing is required to ensure their applicability in many engineering fields. The very nature of these materials and their manufacturing make their testing time-consuming, expensive, and prone to a large scatter. There is a need to look for new ways to assess their performance and reliability.

This Special Issue intends to gather and publish original research papers that address all such challenges in using machine and deep learning for composites. Papers are sought that provide successful solutions and techniques for data augmentation based on knowledge rather than experiments. Original works on the use of machine learning in composites design, optimization in manufacturing, and performance prediction are also welcome.

