



Advanced Multi-functional Composites and Metamaterials

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Message from the Guest Editors

This Special Issue aims to focus on structural and material systems where multiple materials and components (or micro-architected mono-materials) are involved, to enhance the multi-functional mechanical performances required for modern structural systems (such as different forms of composite laminates, functionally graded materials, sandwich structures, nano and bio composites, and the evolving field of metamaterials). Different aspects of computational and experimental investigations will be accepted including, but not limited to analytical formulation, finite element modeling, nano-scale simulations, machine learning assisted approaches, stochastic modeling, additive manufacturing, experimental characterization, etc. Carefully written review papers are also welcome that focus on specific aspects related to composites and metamaterials, along with the authors' broader perspective on the topic.

