



Recent Advances in Theoretical and Computational Modeling of Composite Materials and Structures II

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Message from the Guest Editors

Studies on fiber-reinforced composites and laminates, functionally graded materials (FGMs), carbon nanotubes (CNTs), graphene nanoplatelets, SMART constituents, as well as innovative and advanced classes of composites, are welcome. Some examples could be represented by large stroke SMART actuators, piezoelectric sensors, shape memory alloys, magnetostrictive and electrostrictive materials, as well as auxetic components and angle-tow laminates. These constituents could be included in the lamination schemes of SMART structures for the successful control and monitoring of their vibrational behavior and/or static deflection.

Studies on classical and high-performance advanced theories and multiscale approaches are welcome, along with the development of enhanced nonlocal damage and fracturing models that are able to capture the formation and propagation of internal cracks related to the heterogeneity of complex materials and interfaces.

Prof. Dr. Francesco Tornabene
Guest Editor





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Message from the Editor-in-Chief

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