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Advances in Computational Modeling of Damage and Failure of Composite Materials

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Message from the Guest Editors

Composite materials are increasingly finding applications in various industries thanks to their potential in weight reduction, damage tolerance, multi-functionalities, etc. However, their damage and failure remain challenging to predict. This Special Issue aims to collect the recent advances in computational models of the damage and failure of composite materials. This includes both traditional mechanically loaded composites and novel multi-functional composites. The scope of the models includes, but is not limited to, enriched finite element technologies, meshless/particle-based methods, multiscale/global-local methods, and data-driven or machinelearning-based surrogate methods. Contributors are invited to present your recent novel work on some of the above-mentioned topics. Thank you and we look forward to receiving your recent work in our Special Issue!













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Message from the Editor-in-Chief

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