



Numerical/Experimental Fracture Mechanics Methodologies for Composites and Their Joints

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Deadline for manuscript
submissions:

closed (30 November 2021)

Message from the Guest Editors

The Special Issue, “Numerical/experimental fracture mechanics methodologies for Composites and their joints”, is devoted to cover novel methodologies for triggering crack events at different length scales in composites and their joints. Original papers are solicited on techniques varying between experimental testing to numerical and analytical approaches revealing new insights into the foundations of material behavior, but also entailing new challenges including capturing multiple scale interactions, from micro to macro-scale. Special attention is paid to ground-breaking methods which are experiencing a considerable development in the last years such as cohesive-like fracture approach, variational formulations advocating Griffith’s theory, Finite Fracture or Coupled stress-energy procedures, among many others.

We sincerely hope this Special Issue will contribute to the identification of new challenges and future research directions within the context of Fracture Mechanics in composites.





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Message from the Editor-in-Chief

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