

Special Issue

Damage and Fracture of Composites

Message from the Guest Editors

Research articles and manuscripts which present the latest development and achievements in the field of damage and fracture behaviors of composites are welcome. Apart from the experimental works, the development or innovation in theoretical or numerical methods are recommended but not mandatory. Especially, the failure analysis of composite materials or structures in extreme environments is one of the focuses of this special issue. In particular, the topic of interest includes but is not limited to:

- Multi-scale modeling method
- Progressive damage analysis of laminate and textile composites
- Fracture mechanics of composite interfaces
- Buckling and post-buckling of composite structures
- Optimization design of composite materials and structures
- Aerospace engineering

Guest Editors

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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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