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## Advances in Fracture Mechanics and Fatigue Design

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### Message from the Guest Editors

Dear Colleagues,

Fracture mechanics and fatigue design are topics of active and continuous research in the general field of structural integrity. These topics are significant in all cases where the intrinsic defects of the material or geometrical discontinuities give rise to localized stress concentration, which may generate a crack, leading to catastrophic failure or to a shortening of the assessed structural life. This Special Issue aims to discuss the new trends in failure assessment under monotonic and cyclic loading conditions, adopted for traditional and innovative materials produced by conventional and innovative fabrication processes such as additive manufacturing. The outcome of this Special Issue will not only be useful for researchers in these research areas, but also for engineers engaged with advanced design problems.

Deadline for manuscript submissions:

**closed (30 October 2021)**



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# Special Issue



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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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