Special Issue

Advances in Structural Integrity and Failure Analysis

Message from the Guest Editors

Many people strive on a day-to-day basis to ensure the integrity of critical structures, avoiding costly and dangerous failures. Monitoring and evaluating structural integrity is therefore a major concern in real-life applications. Likewise, to understand why structures fail, the analysis of any failures is also crucial, as they provide intelligence on how and why such issues arise. Driven by advances in artificial intelligence, big data, imaging devices and other instrumentation, we are now able to have more information about a structure than ever. Therefore, novel methods must be developed and applied to the data in order to obtain valuable information on the field. Furthermore, these also enable novel theoretical and computational developments in the field. We are pleased to invite you to contribute to this Special Issue with novel experimental or theoretical work in the field of structural integrity and failure analysis or related subjects.

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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.

Editor-in-Chief

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