Special Issue

Advances in Machinery Fault Diagnosis and Condition Monitoring

Message from the Guest Editors

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Advanced signal processing techniques for fault detection: This could involve the application of innovative signal processing algorithms to extract meaningful information from machine signals and identify early signs of faults.
- Data-driven approaches to fault diagnosis: Researchers might explore the use of machine learning and artificial intelligence techniques to analyze large amounts of data and detect faults in real time.
- Prognostics and remaining useful life prediction: Considerations could include developing models to predict the remaining useful life of machinery components and plan maintenance activities accordingly.
- Case studies on successful fault diagnosis and condition monitoring implementations: Opportunities for research might lie in sharing real-world examples of effective strategies and solutions.

Guest Editors

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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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