

## Special Issue

# Fault Diagnosis and Fault-Tolerance in Machinery and Electrical Systems

### Message from the Guest Editor

This Special Issue seeks contributions on the subject of fault diagnosis in various domains, including electric machines; power electronics; power generation systems; power transmission systems; integrated energy systems; chemical mechanical systems; electric vehicles/drones/planes/helicopters; and heating, ventilating, and air conditioning systems. The contributions should be based on experimental research and simulation studies. We particularly appreciate works that highlight new diagnostic methods, advanced signal processing methods, novel analysis approaches, innovative diagnostic topologies or instruments, artificial intelligence, deep learning, predictive maintenance, and any emerging fault-tolerant control strategies.

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### Guest Editor

Prof. Dr. Adrian David Cheok

Information and Management for Innovation, i-University Tokyo, Tokyo  
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### Deadline for manuscript submissions

closed (30 December 2023)



## Applied Sciences

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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