

Special Issue

Technical Diagnostics and Predictive Maintenance

Message from the Guest Editors

The main aim of this Special Issue is to present state-of-the-art research on the theory, modelling, monitoring, and diagnostics of the operation of technical systems, data processing, and analysis focused on fault detection, as well as predictive maintenance theory and methods. Objects of the research should be investigated using specific models, tools, and instruments along with their verification and evaluation of the operational states of technical systems. The knowledge, methods, technical systems, and applications presented in this Special Issue illustrate the strong potential to attract and impress researchers and other professionals, and will contribute to providing answers to outstanding questions or asking questions that have yet to be formulated. Contributions should focus primarily on:

- Technical diagnostic methods and systems;
- Diagnostics of machine and technical system operational states;
- Optimization of machinery operation and service using diagnostic methods;
- Use of novel methods and technologies in technical diagnostics and maintenance;
- Others

Website:

https://www.mdpi.com/journal/applsci/special_issues/8R27EQ7JE8

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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.

Editor-in-Chief

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