Special Issue

Applications of Fault Diagnosis and Failure Prognosis of Dynamic Systems

Message from the Guest Editors

This Special Issue seeks original scientific contributions on novel methods/algorithms for the health monitoring (fault diagnosis and failure prognosis) of dynamic systems that may be of a theoretical and/or applied nature. Suitable topics for this Special Issue may include, but are not limited to: fault detection and system supervision.

- Health monitoring of multi-energy systems.
- Prognostics and prediction of remaining useful life (RUL).
- Model-based or hybrid, i.e., integrated model-based and data-based diagnostics and prognostics.
- Data-driven, model-based, or hybrid methods for industrial maintenance.
- Machine learning and data mining methods for system/component prognostics.
- Integrated diagnostics and prognostics architectures.
- Algorithms for health assessment and prognosis based on multiple sensor data.

Guest Editors

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