

## Special Issue

# Intelligent Systems for Fault Diagnosis and Prognosis

### Message from the Guest Editors

The Special Issue “Intelligent Systems for Fault Diagnosis and Prognosis” aims to collect the state of the art of research in data-driven diagnosis and prognosis for machine faults, ranging from fundamental studies to practical applications. The Special Issue will include, but is not limited to, the following topics:

- Sensors and data collection;
- Data quality management and data processing;
- Feature extraction and fault classification for condition monitoring;
- Machine learning and deep learning algorithms;
- Transfer-learning-based methods for prognostics;
- Reinforcement-learning-based methods for predictive health management;
- Hybrid models of data-driven and model-based approaches;
- Uncertainty analysis for prognostics;
- Novel system structures for predictive maintenance;
- Other PHM applications.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 July 2023)



## Sensors

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## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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