## Special Issue

## Fault Diagnosis and Health Monitoring of Mechanical Systems

## Message from the Guest Editors

This Special Issue aims to publish the latest advancements and research findings in the field of mechanical systems' fault diagnosis, as well as the health monitoring and interpretable intelligent recognition. It aims to explore innovative theories, methodologies, and technologies employed in ensuring the safety and longevity of mechanical systems. Topics covered may include, but are not limited to, dynamics mechanism analysis, signal adaptive filtering, blind source separation, predictive maintenance techniques, information fusion, intelligent systems' fault diagnosis, predictive techniques, IoT applications, interpretable deep learning algorithms, and digital twin approaches to mechanical systems' health maintenance. The Special Issue provides a platform for experts, scholars, and research groups in related fields to share their insights, experiences, and solutions contributing to the advancement of the intelligent fault diagnosis and health monitoring of mechanical systems.

## **Guest Editors**

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## Deadline for manuscript submissions

closed (20 September 2024)



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## Message from the Editor-in-Chief

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## Editor-in-Chief

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