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Advanced Sensor Technologies for Fault Diagnosis and Condition Monitoring

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Message from the Guest Editor

This Special Issue aims to investigate fault diagnosis and prognosis of industrial equipment and mechanical structures by utilising a variety of sensors, including those related to image, video, and multimodal information fusion. We welcome researchers to submit articles discussing sensor-based artificial neural network technology, multimodal data fusion, explainable AI solutions, and objects for error diagnosis and prognosis in the context of Industry 4.0, cloud computing, cyber-physical systems, and machine-to-machine interfaces and paradigms.

Keywords

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fault diagnosis

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predictive maintenance

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net-zero challenges with AI



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Special Issue



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Message from the Editor-in-Chief

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