

## Special Issue

# Advances in Machine Learning and Deep Learning Based Machine Fault Diagnosis and Prognosis

### Message from the Guest Editors

This Special Issue aims to bring together researchers and industrials with complementary skills that covers a wide spectrum of methods and applications in the field of machine monitoring, fault diagnosis and fault prognosis, as well as the predictive maintenance, and will give rise to new solutions to the research problems that remain open in this field such as: - Improving reliability

- Increased life expectancy
- Reduction of pollution
- Smart grid
- Stabilization of frequencies
- Noise pollution
- Changes in structure and operating modes
- Complexity of the environment
- Industry 4.0 challenges
- Fault detection and isolation
- Fault prognosis

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2020)



## Processes

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