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Vibration Sensor-Based Diagnosis Technologies and Systems: Part I

Guest Editor:

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Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editor

This SI focuses on vibration sensor-based diagnosis technologies and systems for machineries/structures with the main attention to novel developments, related to: vibration sensors and intelligent vibration sensors, signal processing of sensor data, artificial intelligence for diagnosis decision making, and adaptation of vibration sensor-based diagnosis technologies to non-stationary conditions, related to machineries and structures.

- Classical, time-frequency, and higher-order signal processing for vibration sensor-based diagnosis technologies and systems;
- Artificial intelligence for vibration sensor-based diagnosis technologies and systems;
- Vibration sensor-based health diagnosis technologies and systems for engineering structures;
- Vibration sensor-based condition monitoring technologies and systems for machinery and complex electromechanical assets;
- Adaptive vibration sensor-based diagnosis technologies and systems;
- Vibration sensor-based diagnosis technologies and systems for linear and non-linear asset components/assets;
- Diagnostic feature extraction for vibration sensor-based diagnosis technologies and systems.

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Message from the Editor-in-Chief

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