



## Vibration Sensor-Based Diagnosis and Prognosis Technologies and Systems: Part II

Guest Editor:

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Deadline for manuscript submissions:

**closed (30 September 2023)**

### Message from the Guest Editor

Topics of interest include, but are not limited to::

- classical, time-frequency and higher-order signal processing;
- artificial intelligence/machine learning;
- vibration sensor-based structural health monitoring 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 and prognosis technologies and systems;
- vibration sensor-based diagnosis and prognosis technologies and systems for linear and non-linear asset components/assets;
- diagnostic and prognostic feature extraction
- finite element modelling, modal analysis and computational fluid dynamics;
- Internet of Things and services;
- physics of failure and failure modes;
- root cause analysis;
- sensor fusion and data mining;
- image processing;
- big data, data analytics and smart data management





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