Sensors for Structural Health Monitoring and Condition Monitoring

Guest Editors:

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Deadline for manuscript submissions:
closed (31 August 2020)

Message from the Guest Editors

This Special Issue invites contributions that address (i) condition monitoring (CM) and (ii) structural control and health monitoring (SCHM). In particular, submitted papers should clearly show novel contributions and innovative applications covering, but not limited to, any of the following topics around CM and SCHM:

- Structural control applications;
- Smart sensors;
- Dynamic systems;
- Structural health monitoring;
- Condition monitoring;
- Prognostics;
- Data pre-processing and data normalization;
- Signal processing, data fusion and deep learning in sensor systems;
- Sensor networks;
- Pattern recognition algorithms for CM and SCHM;
- Machine learning applications;
- Multivariate analysis;
- Data-driven algorithms;
- IoT development and applications;
- Environmental and operational compensation techniques;
- Sensor fault detection.

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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