

Special Issue

Sensors for Structural Health Monitoring and Condition Monitoring

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.

Guest Editors

Prof. Dr. Francesc Pozo

Dr. Diego Alexander Tibaduiza Burgos

Dr. Yolanda Vidal

Deadline for manuscript submissions

closed (31 August 2020)



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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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