

## Special Issue

# Sensor Applications in Fault Diagnosis and Monitoring of Electrical Machines

### Message from the Guest Editors

In recent years, the fault diagnosis and monitoring technologies of electrical machines have attracted increasing attention from both academia and industry. The goal of the Special Issue is to publish the most recent research results and industrial applications of sensors in fault diagnosis and monitoring of electrical machines. Topics that are suitable for this Special Issue include, but are not limited to:

- Data-driven and model-based sensor fault diagnosis;
- Integration of high-volume sensor data in the design of applications for fault diagnosis of electrical machines and drives;
- Sensors in advanced electrical machines—fault diagnosis and monitoring applications in different industrial sectors;
- Methods, concepts, and performance assessment for improving the fault diagnosis of existing techniques in the field of electrical machines;
- Electrical drives as sensors in industrial processes;
- Cloud-based software services for fault diagnosis and monitoring of electrical machines.

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### Guest Editors

Prof. Dr. Martin Riera-Guasp

Prof. Dr. Manuel Pineda-Sanchez

Prof. Dr. Javier Martinez-Roman

Prof. Dr. Ruben Puche-Panadero

Prof. Dr. Angel Sapena-Bano

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### Deadline for manuscript submissions

closed (31 January 2021)



## Sensors

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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.

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### Editor-in-Chief

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