

## Special Issue

# Condition Monitoring and Fault Diagnosis of Induction Motors

### Message from the Guest Editors

Topics of interest include but are not limited to the following:

- Predictive maintenance and real-time condition monitoring systems;
- On-line and remote location monitoring technologies;
- Non-invasive techniques for data acquisition;
- Robust methodologies for measurement, testing and diagnostics;
- Modern methods for signal processing;
- Enhanced pattern recognition algorithms;
- Failure mechanism analysis;
- Induction motors' remaining useful life prediction;
- Diagnostic approaches for all types of faults (i.e., mechanical, electrical, electromechanical, incipient, multiple simultaneous faults, etc.);
- Advanced artificial intelligence based fault diagnosis methods

### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2024)



## Machines

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## About the Journal

### Message from the Editor-in-Chief

*Machines* is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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### Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso  
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