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Condition-Based Monitoring of Electrical Machines

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Message from the Guest Editors

In electrical machines and their applications in industry, condition monitoring is the basis for predictive maintenance. Machine health monitoring is a process of verifying the health of machinery during its normal operation. It is based on data acquisition, its processing and its comparison with trend and representative data from similar machines. In recent years, various machine health monitoring techniques have emerged that are used to determine the machine condition; additionally, advancements related to sensors, software and hardware are essential to achieve this goal. However, the topic continues to generate new trends in methodologies related to condition-based monitoring. The goal of this Special Issue is to bring researchers and industrial practitioners together to share their research findings and present ideas that are relevant in the field of electrical machine monitoring for determination of machine condition.

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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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