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## Condition Monitoring and Machine Learning Strategies for Electrical Apparatus

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### Message from the Guest Editors

This special issue is intended to expand the existing knowledge on advanced condition monitoring methodologies and inclusion of computational techniques for effective monitoring. The majority of the electrical apparatus are mostly involved with high voltages, high cost, and possible risk of failures. The failure of an electrical apparatus is majorly due to vulnerable operating conditions, insulation failures, electrical and thermal stresses. Thus it is essential and customary to adopt efficient condition monitoring techniques (online and offline) for the successful operation of the electrical power network. Starting from generating stations, grid parameters, distribution aspects, and utilization, condition monitoring is of very high engineering importance. We therefore invite contributions on technical developments, regular research problems, critical reviews, and industrial case studies from the electrical engineering communities. Studies pertinent to condition monitoring, insulation failures, intelligent monitoring ideas, and AIML for precise monitoring are invited.

Dr. U. Mohan Rao

Prof. Dr. Issouf Fofana

*Guest Editors*



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# Special Issue



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## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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