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Advanced Synchronous Machines and Drive Technologies

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Message from the Guest Editors

So far, climate change has been raising the main issues in the world. Most of the countries have pushed corresponding policies to accelerate and scale up action to realize universal access to clean, affordable energy by 2030 and net-zero emissions by 2050. In this case, it is significant to develop electric machines and drive technologies, which contain a series of characteristics in high-power density, high torque density, high tolerant capability, low cost, low torque ripples, and high dynamic response performance.

This Special Issue aims to offer a timely opportunity for academic researchers and industrial engineers to present, discuss, and exchange the latest results and findings of technologies on the electrical machine design, motor control algorithms, sensorless control, parameter identification, and motor drive topologies.

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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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