Special Issue

Power Electronics and AC Machine Drive System

Message from the Guest Editor

As automation is highly expanded in industrial processes for a variety of applications, power electronics and the design of a high-performance AC machine drive system are becoming major concerns in the development of industrial systems. Currently, power electronics and AC machine drive systems are employed in lots of areas, such as industrial processes, consumer electronics, electric vehicles, and electric power generation. This Special Issue will focus on power electronics and the AC machine drive systems they are connected to. Studies regarding all different areas of power electronics and AC drive systems are invited, which include power conversion of renewable energy, electric vehicle, microgrid, digital control of AC machine drive system, DSP-based digital controller design, and robust/nonlinear control of AC machine drive system. Both theoretical and experimental works are welcomed.

Guest Editor

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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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