Special Issue

Energy Efficiency in Electric Devices, Machines and Drives

Message from the Guest Editors

At the present time, energy efficiency is one of the topics that cannot be avoided when dealing with electric devices, machines, drives, and systems. The improvements in energy efficiency reduce energy demand and increase energy supply and thus indirectly reduce the emissions of greenhouse gasses. Improvements in energy efficiency can be achieved with different passive or active measures for the reduction of losses. Therefore, this Special Issue focuses on, but is not limited to, the following approaches for the reduction of losses in electric devices, machines, and drives:

- new, improved, and further developed principles of operations;
- applications of new or further developed materials or combinations of materials;
- new solutions in design and further development of existing designs;
- novelties and improvements in the modelling of electric devices, machines, and drives, their components, and applied materials;
- further developed or new components of electric devices, machines, and drives;
- novelties and improvements in the field of control;
- novelties in the field of coordination and management related to individual devices, machines, drives, and systems consisting of them.

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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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