

Special Issue

Magnetic Field Computations and Energy Efficiency Studies in Electrical Machines

Message from the Guest Editors

Dear colleagues, This Special Issue aims to publish studies on Transverse Flux Machines based mainly on, but not limited to Magnetic Field Computations and Energy Efficiency Studies. These analyses are challenging for the researchers as the topology of this type of electric machine is usually complicated and can be subject to various innovations in order to make it attractive for series production. Given the above considerations, topics of interest are:

- Innovative design of rotary and linear machines, with or without permanent magnets
- Techniques for optimization
- Analytical and numerical electromagnetic analysis
- Application of new magnetic materials
- Thermal and mechanical simulations
- Control strategies
- Noise, vibration and heat analysis on transverse flux machine
- Energy Efficiency Studies
- Energetical Optimisation Analysis

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Deadline for manuscript submissions

closed (25 February 2025)



Energies

an Open Access Journal
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Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/62889

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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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