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Permanent Magnet Synchronous Machines

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Deadline for manuscript
submissions:

closed (28 February 2019)

Message from the Guest Editor

This Special Issue will focus on PMSMs and the electrical systems they are connected to. Both theoretical and experimental work, and, especially, the combination of these, are welcomed. Recently, an interest in reducing the use of rare earth metals has been raised, and therefore papers exploring substitution and reduction of rare earth metals in PM machines are encouraged.

Topics of interest for publication include, but are not limited to:

- Permanent magnet synchronous machine design
- Modelling of PM machines
- Innovative designs of PM machines
- Drive systems for PM motors
- Electrical systems and control strategies for PM generators
- Substitution or reduction of rare earth metals in PM machines
- Demagnetization risk for PMs in synchronous machines
- Thermal design and losses
- Mechanical design
- PM pilot excitors
- PM assisted synchronous reluctance machines



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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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