



Permanent Magnet Synchronous Machines

Guest Editor:

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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 exciters
- PM assisted synchronous reluctance machines





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Message from the Editor-in-Chief

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