



The 21th International Conference on Electrical Machines
ICEM'2014
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Special Session on

HYBRID EXCITATION SYNCHRONOUS MACHINES

Organized and co-chaired by
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CALL FOR PAPERS

Hybrid excitation synchronous machines combine permanent-magnet (PM) excitation with wound field excitation. The goal behind using two excitation field sources is to combine advantages of PM excited machines and wound field synchronous machines. The special session aims at presenting the latest development on hybrid excitation synchronous machines.

Topics of interest include, but are not limited to:

- Modelling, design and optimization of 2D and 3D structures.
- Performance comparison.
- Fault tolerant hybrid excitation synchronous machines.
- Applications of hybrid excitation synchronous machines: electric/hybrid vehicles traction, integrated starter/generator, renewable energy sources, etc.
- Control of hybrid excitation machines.

Provisional full paper submission deadline: 23 February 2014

(The deadline is the same as for regular papers – check the website for changes)

All the instructions for paper submission are included in the conference website:
<http://www.icem2014.de>