



The XXIth International Conference on Electrical Machines
ICEM 2014
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Special Session on

**MULTI-PHASE ELECTRIC MACHINES
AND DRIVES FOR THE 'MORE-ELECTRIC' TRANSPORT**

organized and co-chaired by:

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Call for Papers

The concept of multiphase electric drives, where the electric machines have more than three phases, is more than 40 years old. However, it was not until the beginning of this century that the research effort on this topic intensified. The main driving force is the need for new solutions in specific application areas such as railway traction, electric and hybrid vehicle applications, 'more-electric' aircraft, electric ship propulsion, and general high power applications. This special session aims at presenting the new research results concerning multiphase machines and drives, multiphase power converters and their applications, as related to 'more-electric' transport.

Topics of interest include, but are not limited to:

- Control, modelling and simulation of multiphase machines and drives
- High-torque density multiphase motors and multi-motor drives
- Design of multiphase motors and multiphase power converters
- Modulation strategies for multiphase power converters
- Multiphase machine monitoring and diagnosis
- Fault tolerant operation of multiphase machines
- Applications of multiphase drives in 'more electric' transportation

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>