



The XXIth International Conference on Electrical Machines
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Special Session on

High-speed machines and drives for industry applications

organized and co-chaired by:

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Call for Papers

The demand for compact and efficient electromechanical systems has created a need for development of high-speed machines and drives. Such machines have become the enabling topology in many applications such as (more-electric) aircraft systems, turbochargers, distributed energy systems, etc., where reduction of mass/volume, high efficiency and low maintenance is expected. This session aims at giving an overview of recent advancements of high-speed machines and drives for specific industrial needs.

Topics of interest include, but are not limited to:

- design and construction of high-speed permanent-magnet and induction machines
- control of high-speed machines
- thermal aspects of high-speed machines
- industrial applications of high-speed machines
- high-speed electric drives

The prospective papers should be concerned with variable-speed (inverter-fed) machines with rotational speeds in excess of 10.000 rpm.

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>