

CALL FOR PAPERS

Special Session on Diagnostic of AC Machine Based Complex electromechanical systems

to be held in the frame of
IECON 2013 - The 39th Annual Conference of the IEEE Industrial Electronics Society
10th - 13th of November 2013, Austria Center, Vienna, Austria



TOPIC OF THE SPECIAL SESSION

Nowadays, diagnostics techniques for electrical machines (motor, generator) have reached a maturity which can help to be implemented in many industrial applications. The aim of this session is to present new contributions showing that electrical machines condition monitoring and fault detection are bringing a plus when associated to electromechanical systems in particular to detect also anomalies from the mechanical part or from the power grid.

Topics of interest are limited to:

New techniques of diagnostic for AC drives (synchronous machines, induction machines, switched reluctance machines, multiphase machines ...) applied to complex electromechanical systems such as:

- traction (railway, electric and hybrid vehicles)
- automotive
- ship propulsion and generation
- renewable energy
- aerospace and other safety applications

SPECIAL SESSION ORGANISATION

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The organizers look forward to welcoming you to Vienna, Austria from 10th to 13th November 2013.

Important Dates

Regular Paper submission:	April 01, 2013
Notification of acceptance:	June 15, 2013
Final submission:	August 01, 2013



SUBMISSION OF PAPERS

The working language of the conference is English. Submit the full paper as PDF following the IEEE layout requirements by using the templates given at the conference web page. Accepted and presented papers will be published in an IEEE Proceedings volume and will be sent to IEEE Xplore. In addition, selected authors are encouraged to submit their papers for publication in the IEEE Transactions on Industrial Electronics or in the IEEE Transactions on Industrial Informatics.

THE CONFERENCE

IECON 2013 is the 39th Annual Conference of the IEEE Industrial Electronics Society, focusing on industrial and manufacturing theory and applications of electronics, controls, communications, instrumentation and computational intelligence. The objectives of the conference are to provide high quality research and professional interactions for the advancement of science, technology, and fellowship.

Papers with new research results are encouraged for submission. IECON 2013

will be held concurrently with the 7th IEEE International Conference on E-Learning in Industrial Electronics (ICE-LIE 2013). Participation in any of these events just requires a single conference registration fee. The world's industry, research, and academia are cordially invited to participate in the wealth of presentations, tutorials, special sessions and social activities, and furthermore, enjoy beautiful Vienna.