

# CALL FOR PAPERS

## Special Session on Modular Multilevel Converters and other Multilevel Converter Topologies and Applications

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



### TOPIC OF THE SPECIAL SESSION

Currently, multilevel converters have become a mature and attractive solution mainly for medium voltage – high power applications. The effort of the researchers and industry has led to a rapid development of different multilevel converter topologies, modulation techniques and control strategies. Among the recent multilevel converters, the Modular Multilevel Converter is a hot topic in the industry and the academia. In addition, other interesting research topics such as the fault tolerant operation, reduction of power losses, optimized control strategies and new applications are also important. Topics of interest include, but are not limited to:

- New multilevel converter topologies for adjustable speed drives
- Multilevel converters for renewable energy applications
- Multilevel converters for grid connected utilities such as active filter, STATCOM, FACTS, HVDC, etc

### SPECIAL SESSION ORGANISATION

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### Important Dates

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

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



- Multilevel rectifiers and applications in regenerative systems
- New modulation strategies and control strategies for multilevel converters
- Common mode voltage variation in multilevel inverters
- Fault tolerant design of multilevel converters
- High efficiency in multilevel converters
- Multilevel multiphase converters

### **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.