

# CALL FOR PAPERS

## Special Session on Power Management based on Advanced Identification and Classification Techniques

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

This special session will be the opportunity to evaluate the latest identification, classification and control techniques applied for power management and power quality improvement. Systems which are included in Smart-Grid, Smart-Home and Smart-Meters will be described. Interesting topics are, but not limited to:

- Advanced methods for detection and classification of appliances, Energy Monitoring
- Modeling of electrical appliances, electrical systems and power plants
- Methods for the classification of malfunctions in Smart Grid (artificial neural networks, RBF, SVM, etc.)
- Advanced methods for electrical disturbances identification
- Active Power Filtering
- Power generation and conversion
- Power quality improvement in Smart Grids Power Factor Correction

### SPECIAL SESSION ORGANISATION

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

### Important Dates

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



- Advanced methods for fault detection and classification in power transmission lines

### **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.