

# CALL FOR PAPERS

## Special Session on Control Techniques for Efficient Management of Renewable Energy Micro-grids

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

Since efficient and safe power distribution along with minimised and balanced power consumption is an important part of the economic activity, the development of new control techniques for energy management is a growing field of research. Nowadays, the coordinated operation and control of Renewable Energy Sources (RES) together with controllable loads and storage devices are central to the concept of microgrids (MG). MG can operate interconnected to the main distribution grid, or in an islanded mode, and they can also be interconnected to other MGs, giving rise to a more complex system, which needs specific control strategies. Due to the great complexity of such energy systems including intermediate storage and multiple, decentralized and intermittent generators, new approaches have to be done in order to control these new systems. The use of distributed and cooperative control techniques for MG management is an open field with is being addressed by many research groups worldwide.

There are many open issues relating micro-grids that can be addressed in this special session, which is closely related to the following IECON 's Topics of Interest:

### SPECIAL SESSION ORGANISATION

Carlos Bordons  
bordons@us.es

Luis Yebra  
luis.yebra@psa.es

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



- Power Electronics & Energy Conversion
- Renewable Energy & Sustainable Development
- Power Systems Control Systems & Applications
- Sensors, Actuators and Systems
- Integration Information Processing and Communications

### **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.