

# IEEE International Symposium on Industrial Electronics ISIE'17

**19-21 June 2017, Edinburgh, Scotland**

**Special Session on**

**“Advances in nonlinear control  
for power generation”**

**organized by**

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## **Call for Papers**

**Theme:** The development of elaborated nonlinear control methods has resulted in the optimized functioning of various types of power generators such as SGs, PMSGs, DFIGs, as well as synchronous and doubly-fed reluctance generators. This, in turn, has contributed to the more reliable operation of the electricity grid and to the robustness of the power system against load variations, faults and external perturbations. The Special Session on “*Advances in nonlinear control for power generation*” aims at demonstrating recent results and findings on the use of electric machines and drives in areas of high significance such as in power generation and electricity grid or in transportation systems.

Topics of interest include, but are not limited to:

***Modelling, Control, Estimation and Fault Diagnosis for*** Synchronous and Permanent Magnet Synchronous Generators, Doubly-Fed Induction Generators, Synchronous reluctance generators, and Doubly-fed reluctance generators *used in power generation*

**Submission procedure, deadlines, and author instructions:**

A manuscript submitted to the Special Session of ISIE 2017 must be in the IEEE double format with single space 10p fonts and figures included in the text, so the length of the manuscript of 8 pages long in PDF format can be evaluated. For your convenience you may download the WORD [template.doc](http://www.ISIE2017.org) from the conference website: <http://www.ISIE2017.org>

**Deadlines:**

- Reception of full paper: December 15<sup>th</sup> 2016
- Paper acceptance notification: March 1<sup>st</sup> 2017
- Camera ready paper reception: April 10<sup>th</sup> 2017