

IEEE International Symposium on Industrial Electronics ISIE'17

19-21 June 2017, Edinburgh, Scotland

Special Session on

“On-board Micro-grid for the More Electric Aircraft”

organized by

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Call for Papers

Theme: The energy requirement of modern aircraft has constantly been increasing. In order to realize resilient and efficient aircrafts, an on-board power distribution system is needed. This special session covers the power electronics and control for a dc electrical power distribution system (EPDS) for a more electric aircraft. Control technologies, power converter topologies and system architectures fitting the particular requirements of the on-board power system are of interest.

The analysis should be supported by extensive simulations and preferably experimental results.

Topics of interest include, but are not limited to:

multi-port power converter, centralized control, power converter topologies, more electric aircraft, dc transmission systems

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 15th 2016
- Paper acceptance notification: March 1st 2017
- Camera ready paper reception: April 10th 2017