



ESARS-ITEC'2018

Special Session on

“PEPDS Power Electronics Power Distribution Systems for Transportation Electrification”

Organized by

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The special session will be focused on discussing Power Electronics Power Distribution Systems (PEPDS) for electrical transportation applications.

The use of controlled power converters as active and Intelligent interfaces can enable the electrification of transportation, as already visible in trains, electric vehicles, ships, etc. Such a trend is evolving through a more pervasive presence of electrical controlled power systems in the future transportation field. In this context, this session wants to promote also a debate on the hot topics related to PEPDS.

Topics of interest:

- control architecture
- voltage stability
- PEBB-based systems
- DC faults analysis/protections

Conference: November 7th-9th, 2018, Nottingham, United Kingdom

Provisional papers: ~~May 1st, 2018~~ **May 31st, 2018**

Notification of acceptance: July 1st, 2018

Final submissions: September 15th, 2018

All the instructions as for papers preparation and submission are given at the conference website www.esars-itec.org.

