



ESARS-ITEC'2018

Special Session on

“Dependable oriented design of electrical transportation power systems”

Organized by

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Electrification in transportation is increasingly pushed forward by several expected advantages. However, the increase in electric power used onboard vehicles means an increase in the severity of the consequences that can arise from a power outage. Therefore, in the design of modern electrical transportation power systems their dependability performance (in terms of reliability, availability, maintainability, safety, etc.) must be taken into account, particularly when considering safety- and mission-critical systems, and must be weighted as well as the other more common design drivers. The goal of this Special Session is to gather knowledge and expertise in the topic of dependable power systems' design in the multidisciplinary area of transportation applications.

Topics of interest:

- power systems design methodologies;
- dependability analysis of power systems;
- safety- & mission- critical systems' design;
- failure data assessment.

Submission procedure is the same as for regular papers. The Special Session will be available to be selected during the submission procedure in the dedicated portal. The deadline for provisional full papers submission is **May 1st. 31st May**

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

