



IEEE Vehicle Power and Propulsion Conference October 27-30, 2014, Coimbra, Portugal

<http://www.vppc2014.org/>

Special Session on

MULTIPHASE DRIVES

Chairman: Pr E. SEMAIL , ARTS et METIERS PARISTECH (FRANCE)

Email: eric.semail@ensam.eu

Co-chair : Dr F. BARRERO, University of Seville (SPAIN)

Email: fbarrero@etsi.us.es

Call for Papers

Multiphase drives are quite interesting in electric propulsion for their properties, fault tolerance included. They have been used in marine, Aerospace and Aircraft transportation, and more recently in automotive applications. Although the development of modern signal processors simplifies the control of multiphase drives up to a point where the number of phases can become a parameter of design of the drive in order to its optimization, however multiphase drives are still not a simple generalization of the 3-phase case. This SS focuses on the adequate design and control of multiphase machines and drives for their application in modern electric propulsion applications.

Topics of interest include, but are not limited to:

- Control of multiphase drives in electric automotive transportation
- Design of multiphase machines
- Fault tolerant drives
- Other electric transportation applications based on multiphase drives: Aerospace, Aircraft and Marine applications

Deadlines:

Submission of abstracts:	March 31, 2014
Notice of acceptance:	May 18, 2014
Submission of full papers:	July 1st, 2014
Deadline for registration:	August 31, 2014

All the instructions for abstracts are included in the conference website <http://www.vppc2014.org/> :

- Special Session title, paper title, authors, affiliation(s), mailing and e-mail address(es),
- corresponding author clearly identified,
- Abstract of 100-300 words and a digest of 3-5 pages.