



IEEE Transactions on Vehicular Technology
 CALL FOR PAPERS for special section on
 « *Advanced transportation systems* »



Clean Tech for Transportation

Advanced electric drive traction and propulsion systems are being developed in order to ensure better energy performance for the future transportation systems such as electric vehicles (EVs), hybrid electric vehicles (HEVs), plug-in hybrid electric vehicles (PHEVs), fuel cell vehicles (FCVs) and advanced tractions and propulsions for trains, subways, ships, and airplanes. The research and development aims at reducing energy consumption and pollutant emissions in order to contribute to addressing the climate challenge..

In order to further promote excellence of research in vehicle power and propulsion, in conjunction with the 6th annual IEEE Vehicle Power and Propulsion Conference (VPPC 2010), a special section in the IEEE Transactions on Vehicular Technology will be published to focus on state-of-the-art research and development as well as future trends in the modeling, design, control, and optimization of advanced power and propulsion systems for future transportation systems. Papers studying only power components, power electronics, and/or devices will NOT be considered since this special section is focused on system-level issues.

Potential authors are invited to submit an original paper for consideration to publish in the special section. A thorough peer review will be conducted to select top papers for this special section. Papers presented at the VPPC 2010 are eligible for consideration to be included in this special section. However, please note that IEEE requires that a journal submission offer substantial novel contributions beyond the previous work in a conference paper (substantial change).

Topics of interest include, but are not limited to the following:

- Design, modeling, and simulation of vehicles,
- Energy management and control of vehicles,
- Electric, hybrid electric, plug-in hybrid electric, and fuel cell vehicles, and
- Railway, subway, ships, and aerospace applications.

- Deadlines -	
Manuscript Submission:	November 1, 2010
First reviews:	January 31, 2011
Revised papers:	March 31, 2011
Second and final reviews:	May 1, 2011
Final manuscripts:	June 1, 2011
Estimated publication date:	September 2011

More info about this special section (author guidelines, recent references...):

<http://vppc2010.univ-lille1.fr/ss-tvt.htm>

Manuscript Preparation and Submission

Follow the guidelines in “Information for Authors” in the IEEE Transaction on Vehicular Technology <http://transactions.vtsociety.org/> . Please submit your manuscript in electronic form through Manuscript Central web site: <http://mc.manuscriptcentral.com/tvt-ieee> . On the submission page #1 in the popup menu for the manuscript type, select: **Advanced transportation systems**

Guest Editors

Alain Bouscayrol, IEEE-VPPC’10 General Chair, L2EP, MEGEVH network, University of Lille, 59 655, Villeneuve d'Ascq, FRANCE, Tel: +33-3-20-43-42-53, Fax: +33-3-20-43-69-67, e-mail: Alain.Bouscayrol@univ-lille1.fr

Daniel Hissel, IEEE-VPPC’10 Co-Chair, FEMTO-ST, MEGEVH network, University of Franche Comté, Rue Thierry Mieg, Belfort, FRANCE, Tel: +33-3-84-58-36-21, Fax: +33-3-84-58-36-36, e-mail: Daniel.Hissel@univ-fcomte.fr

Rochdi Trigui, IEEE-VPPC’10 Co-Chair, LTE, MEGEVH network, INRETS, 25, avenue F. Mitterrand. 69675 Bron, FRANCE, Tel: +33 - 4 -72-14-25-05, Fax: +33 - 4 -72-37-68-37, e-mail: Rochdi.Trigui@inrets.fr

Ali Emadi, IEEE-VPP Coordinator, Electrical and Computer Engineering Department, Illinois Institute of Technology, 3301 S. Dearborn Street, Chicago, IL 60616, USA, Tel: +1-312-567-8940, Fax: +1-312-567-8976, e-mail: emadi@iit.edu