

IEEE VPPC 2010

Vehicle Power and Propulsion Conference
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Clean Tech for Transportation

<http://www.vppc2010.org/>



Special Session on

ADVANCED EFFICIENT SYSTEMS FOR FUTURE RAILWAYS APPLICATIONS

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Call for Papers

The European Transport Policy provides an increase of 40% of moving people and goods in the year 2020. This example demonstrates the growing interest to develop new transportation systems worldwide. Each mode of transport will best meet to this increase significantly with the sustainable development. Indeed, development of transport systems incorporating these criteria is essential to the priorities; in particular, to ensure security despite the increase in traffic, respect our environment, improving the quality of transport ..., while controlling costs of equipment, energy management and the proposed development on durations exceeding 30 years. This involves developing systems for sustainable transport concept with significant technological improvements around energy efficiency, energy management, reduction of noise pollution, eco-design ...

Topics of interest include, but are not limited to:

- Energy efficiency and management,
- Energy storage with supercapacitors, flywheel applications ...
- Hybrid electric propulsion system design,
- Eco-design, Noise and vibration,
- Multi-physic modeling and Optimization, traction systems and subsystems modeling,
- Passive components and propulsion system for sustainable applications,
- Management of electric braking and / or mechanical,
- Trains, tramways, subways...

- Deadlines -

Submission of abstracts:	March 30, 2010
Notice of acceptance:	April 15, 2010
Submission of full papers:	June 15, 2010
Deadline for registration:	July 30, 2010

All the instructions for abstracts are included in the conference website <http://vppc2010.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.