

IEEE VPPC 2010

Vehicle Power and Propulsion Conference
September 1-3, 2010 – Lille, France

Clean Tech for Transportation

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



Special Session on

SUSTAINABILITY OF NEW PROPULSION TECHNOLOGIES

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Call for Papers

New electrified vehicle concepts are about to enter the markets, globally. These vehicle types are expected to have a better environmental performance than current conventional vehicle types. The gains in environmental performance for these new vehicle types are associated with higher technology costs in the beginning of their roll-out. The higher technology costs are partially caused by higher expenditures in the production phase and the dependence on scarce resources. In parallel, the fuel efficiency of internal combustion engine vehicles and hybrid vehicles is continuously improved, which in turn advances their environmental performance but also leads to additional technology costs versus today's vehicles.

This session addresses the potential environmental and economic implications of new propulsion technologies, such as EVs, PHEVs and hydrogen fuel cell vehicles.

Topics of interest include, but are not limited to:

- Well-to-wheel energy demand and emissions
- Life cycle assessment
- Recycling aspects
- Real life versus cycle emissions and energy demand
- Scarcity of resources
- Economical aspects
- Potential market implications
- Consumer impacts
- User profiles

- Deadlines -

Submission of abstracts:	March 1, 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.