

**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

### ELECTRIC DRIVES FOR EVs AND PHEVs

**Chair: Dr. Mahesh Krishnamurthy, Illinois Institute of Technology (USA)**

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## Call for Papers

Over the last decade, hybrid electric vehicles (HEVs), electric vehicles (EVs), and plug-in hybrid electric vehicles (PHEVs) have seen significant advances. In order to improve their effectiveness, there are several areas that require optimization, which include high efficiency of the drive, ruggedness of the overall system, reduction in size, and cost-effective electric machines and associated drive electronics. These systems require an electric drivetrain to convert electrical energy into mechanical energy. They are expected to be more energy efficient with better power handling capability. This special session primarily aims at addressing the practical issues for commercialization of current and future EVs/PHEVs, and aims to focus primarily on power electronics and motor drives based solutions for both the current as well as future automotive industry.

Topics of interest include, but are not limited to:

- Detailed Modeling and Simulation of EV/PHEV Drive Train Components;
- Unidirectional and Bidirectional Power Converters for Electric Drivetrains;
- EV/PHEV Power System Architectures;
- EMI/EMC Issues in High Current Systems.

#### - Deadlines -

<b>Submission of abstracts:</b>	<b>March 1, 2010</b>
<b>Notice of acceptance:</b>	<b>April 15, 2010</b>
<b>Submission of full papers:</b>	<b>June 15, 2010</b>
<b>Deadline for registration:</b>	<b>July 30, 2010</b>

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.