



# VPPC 2016

OCT 17-20, 2016  
HANGZHOU

## The 13th IEEE Vehicle Power and Propulsion Conference

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#SS7 - Special Session on

### HIGHER EDUCATION FOR ELECTRIC VEHICLES AND ITS POWER AND PROPULSION

Chair: Pr. Paulo Pereirinha, Polytechnic of Coimbra and INESC Coimbra (Portugal/Coimbra)

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### Call for Papers

Electric propulsion is finally starting to reach the general public market with new models announced every month by nearly all major vehicles' manufacturers all over the world and some quite successful newcomers. This is expected to increase the search for graduated people and foster employment on the electric vehicles and related components research, development, design, manufacturing, testing and servicing fields. Besides other engineering areas, like mechanics and chemistry, typically, electrical, electronics and electromechanics general engineering courses give the ground knowledge for the topic, namely with subjects on electrical machines, power electronics and energy storage, but they might also need to consider specific topics on electric vehicles and its power and propulsion systems. There are also some more specific courses on electric vehicles in some universities.

This Special Session is intended to share and discuss different perspectives and experiences from around the world, from academia, but also from industry and research institutions regarding higher education and training for electric vehicles' area by presenting the courses and subjects study plans, learning objectives, instruction and learning methodologies, expected learning outcomes and competences, main bibliography and progress assessment. Other aspects, like the integration of the graduated on the technological industry, research or academic fields, and the course framework in the institution formation or the subject on the course structure are also of interest.

#### Topics of interest include, but are not limited to:

- BSc or Master Courses specific for Electric Vehicles and Hybrid Electric Vehicles
- Electric Vehicles' Subjects on classical Electrical, Electronics and Electromechanics courses
- Industry high level formation programs on Electric Vehicles
- PhD programs for Electrical Vehicles
- Focused courses or subjects on particular topics of Electric Vehicles and its power and propulsion
- Needs and tendencies on education for Electric Vehicles

#### Deadlines:

Submission of digests:

~~March 31, 2016~~ April 30, 2016

Notification of acceptance:

May 15, 2016

Submission of full papers:

July 15, 2016

All special session digests must be prepared and submitted in the same way as those for the conference regular tracks (see <http://www.vppc2016.org/>), except that the corresponding special session should be identified during submission.