



VPPC 2014

IEEE Vehicle Power and Propulsion Conference
"Spreading E-Mobility Everywhere"

11th VPPC - Coimbra, Portugal!



VPPC 2014 APVE S. Session –Oct 29, 2014



VPPC 2014

IEEE Vehicle Power and Propulsion Conference
"Spreading E-Mobility Everywhere"

Conference venue

Pólo II – Univ. Coimbra, "Serviços Centrais"



VPPC 2014 APVE S. Session –Oct 29, 2014



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IEEE Vehicle Power and Propulsion Conference

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Conference Overview

- Top world technical and scientific conference
- Around 220 participants
- 215 submitted papers
- papers from 33 countries submitted, 28 present
- 163 accepted papers (159 to be presented)

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Conference Overview

- 6 technical RTs
- 7 special sessions
- 1 invited session
- 17 oral sessions + 3 dialogue sessions (posters)

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Regular Tracks

- RT 1: Advanced Vehicles
- RT 2: Energy Storage Components / Systems
- RT 3: Modeling, Analysis, Dynamics and Control
- RT 4: Vehicular Electric Power Systems and Loads
- RT 5: Vehicular Electronics
- RT 6: Vehicular Power Electronics and Motor Drives

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Invited and Special Sessions

- IS: SAPPHIRE: Prognostic and Health Management of Fuel Cell (European project)
- SS 2: Multiphase Drives
- SS 3: Energetic Macroscopic Representation and Other Graphical Descriptions
- SS 4: Advanced Battery Technologies for Traction Applications
- SS 5: Global Optimization of the Design HEV Power Trains
- SS 6: Control Strategies of Fuel Cell Vehicles
- SS 7: Intelligent Vehicle Technologies and ITS
- SS 8: Smart Grids and EVs



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Program

	Monday Oct.-27	Tuesday Oct.-28	Wednesday Oct.-29	Thursday Oct.-30
08:30-09:00		Registration	Registration	Registration
09:00-09:30		Opening session (Amph.)	Plenary session (Amph.)	Plenary session (Amph.)
09:30-10:00		Plenary session (Amph.)	Plenary session (Amph.)	Dialog Session
10:00-10:30		Coffee break	Coffee break	DS-3
10:30-11:00		Lecture sessions	Lecture sessions	Coffee break
11:00-11:30	Registration	RT1 RT3-1 SS2	RT2 SS3 RT3-2 RT6-1	Lecture sessions
11:30-12:00		Room A Room B Room C	Amph. Room A Room B Room C	SS8 RT3-4 RT6-2
12:00-12:30				Room A Room B Room C
12:30-13:00		Lunch	Lunch	Lunch
13:00-13:30				
13:30-14:00		Inv. SS SAPHIRE Amph.	APVE Amph.	
14:00-14:30		Dialog Session DS-1	Dialog Session DS-2	
14:30-15:00		Coffee break	Coffee break	
15:00-15:30		Lecture session	Lecture session	
15:30-16:00	Registration	Inv. SS SAPHIRE Project Amph.	APVE Amph.	
16:00-16:30		SS4 SS5 SS7	RT4 RT3-3 SS6	
16:30-17:00		Room A Room B Room C	Room A Room B Room C	
17:00-17:30				
17:30-18:00				
18:00-18:30				
18:30-19:00				
20h30 ...		Welcome reception (Câmara Municipal de Coimbra)	Gala dinner (Pavilhão Centro de Portugal)	



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Conference Overview

•Parallel meeting of European project:

"SAPHIRE: prognostic and Health management of fuel cell." - Open Session Tuesday, 28 Oct, 15:00-19:00

+

•Special sessions organized with Portuguese Electric Vehicle Assoc., APVE:

2 Open Sessions on Wednesday, 29 Oct,

•15:00-16:15 (English)

•16:45-19:00 (Portuguese)





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Tutorials (Monday)

Tutorial A:

Life Cycle Assessment of Electric Vehicles

Tutorial B:

Optimal Control of Hybrid Powertrain with the Pontryagin Minimum Principle

Tutorial C:

Enhancing Power Converter Reliability by Integrated Design

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3 Plenary Sessions /4 Keynote Speeches

Oct. 28:

Renaissance and Global Electric Vehicle Development

Oct. 29:

European Commission Strategy for Green Car
EV Charging Infrastructure, an overview

Oct. 30:

BMW's vision for electric mobility

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Oct. 28 20:30

Welcome Reception

Paços do Concelho (City Hall)



(...with Cocktail)

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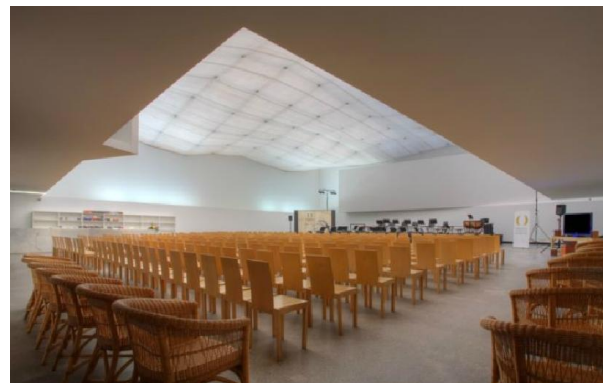
Gala Dinner

Oct. 29, 20:30

Pavilhão Centro de Portugal,

Portugal pavilion at Expo 2000, Hannover

famous Portuguese architects Siza Vieira and Souto Moura



Av. da Lousã (Parque Verde do Mondego)

VPPC 2014 Opening Session –Oct 28, 2014



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Cultural Tour

Oct. 30, 14:45

near Old University, take the Bus!

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Conference website: (before,) during and after...



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Welcome to the VPPC 2014 website

LATEST NEWS:

- One day registration [available here](#)
- Conference Bus timetable and stops available at [Conference Venue](#)
- [Program-at-a-Glance and Detailed program](#) available here
- Prof. C.C. Chan, Honorary Chair of VPPC 2014, received the [Royal Academy of Engineering Prince Philip Medal](#) on 2 July at the Royal Opera House London for his outstanding contribution to the field of electric vehicles. We look forward to hear his plenary talk at VPPC 2014!
- Three parallel [tutorials](#) will be available to participants on Monday, 27 October 2014 (afternoon)

IEEE-VPPC 2014 will be held on October 2014 in Coimbra (UNESCO World Heritage), Portugal. Coimbra is located in the center of Portugal one hour from Oporto and two hours from Lisbon. It is our aim to provide an interesting forum about vehicle power and propulsion *developing and promoting technologies to spread e-mobility everywhere*.

It will include keynote papers by respected authors, technical sessions, tutorials, poster presentations and special sessions. Moreover, VPPC 2014 will be organized in a carbon care philosophy as we try to reduce the conference ecological footprint. The