

INVITATION

“ELECTROMOBILITY SEVILLE 2012”

1st FEBRUARY 2012, at Engineering School, University of Seville

- **TARGET**

The Electromobility Public Event will focus on current topics related to Electric Mobility: introducing trends, best practices, technology deployment and new technological innovations in this field.

In Seville, we will host main authorities and experts from different countries working in the field of the electrical powertrain, energy storage and semiconductor technologies to enhance safety and efficiency for electric vehicles. Representatives from car manufacturers, [automotive manufacturers](#), research institutes, government policy makers and technical experts will discuss about new paradigms and needs to successfully introduce the electric car.

The main goal is based on the achievement of a real knowledge transfer from Industry and Research Organizations to Public bodies, Official Institutions and entrepreneurs.

- **TOPICS**

New vehicle technologies

Discussion about electric vehicles and keys towards future improvements of their components, power management, operating conditions etc. will be approached. Several applications and different ways to commercialization will be discussed.

Environmental, social, economic & policy Impacts

Further aspects of the EVs introduction such as the potential environmental benefits or the impact on our future habits will be discussed. In particular, the important role of public policies needed to support EVs technologies will be emphasized: standards, codes, regulations, recycling etc.

Sustainable mobility & Market

How could electric vehicles become attractive to users?, Evolution of Market needs and technical advances?, Market forecasts, innovative business models and approaches to promote EVs will be presented. The need of today's society for EVs will also be explored.

Energy storage

Europe leading battery researchers are developing advanced battery management systems with increased energy and power density, improved cycling stability and, in particular, higher

safety. The session will cover many battery aspects - from new and improved materials, advances in materials and cell engineering to futuristic materials and technologies.

- **SCHEDULE**

09:00 – 09:30	Registration and Poster/Demo Presentation
09:30 – 09:40	Welcome and introduction by Greenpower and host organisation
09:40 – 10:00	Electromobility change and chance for regions and entrepreneurs (can be extended up to 15 min) By Andalusia government and/or host organisation
10:00 – 10:15	ENIAC -> European Cluster projects and Project synergies <u>NN</u> ; proposed by ENIAC
10:15 – 10:35	Motorbrain research: the next step in the EV powertrain nn, Project member from VW, SIEMENS, ZF or Infineon
10:35 – 10:55	Castor research: Multiphase motors and propulsion concepts Project member from VW, FIAT, University of Sheffield or Infineon
10:55 – 11:15	E3CARresearch from the module to the system driven by the Value chain nn, Project member from VW, FIAT, University of Sheffield or Infineon
11:15 – 12:00	Get together with European project partner , networking, poster discussion
12:00 – 13:00	Vision of EV markets Semiconductor, the heart of tomorrow's cars <u>NN</u> ; Infineon AG or ST NN by speakers from the industry
13:00 – 13:45	LUNCH BREAK , Get together and Poster/Demo Presentation
13:45 – 18:00	Project Technical session (external experts welcome)
13:45 – 14:30	Indroduction Reiner John
14:30 – 14:45	E3CAR -> Status and synergies, organization and case studies

14:45 – 15:00	Motorbrain -> Status and synergies, supply chain and demonstrator setup
15:00 – 15:30	CASTOR -> Status and synergies, change requests and project management
15:30 – 15:50	COFFEE BREAK
15:50 – 16:20	WP Leader -> Best practice sharing nn
16:20 – 17:00	SC Leader -> Best practice sharing nn
18:00	<i>finished</i>

- **VENUE**

Engineering School in Seville is the best address for a research appointment.

How to reach us:

<http://www.esi.us.es/>

The map:

http://aplicaciones.esi.us.es/english/ubicacion_etsi

Accommodationsuggestion:

BARCELÓ RENACIMIENTO

www.barcelo.com/Renacimiento

Avd. Camino de los Descubrimientos, Isla de la Cartuja, Sevilla

Name for booking: GPtech Technical Meetings

Price: 79€ double room/single room

For more information about accommodation or further details, please contact to:

aranzazu.gutierrez@greenpower.es

For more information about technical aspects and agenda, please contact to:

reiner.john@infineon.de