

# IMPROVING Energy Efficiency IN ELECTRIC VEHICLES

24 November 2016 - Bologna, Italy

INSIGHTS  
INTO H2020 INITIATIVES  
ON ENERGY MANAGEMENT

## Agenda – 1/2

### MORNING

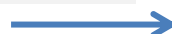
When	What	Who
08:45	Registration - coffee	
09:15	Welcome	<b>Lamberto SALVAN</b> - JOSPEL Head of Business Development Alke
09:20	XERIC project: Hybrid climate control system able to control separately temperature and humidity	<b>Stefano LAZZARI</b> - XERIC Researcher in the Department of Architectural Sciences at the University of Genoa, Italy XERIC's Deputy Coordinator
09:35	JOSPEL project –Optimisation of interior temperature control management	<b>Begoña GALINDO GALIANA</b> - JOSPEL Senior Polymer Research Aimplas - Spain
09:50	OPTEMUS project: Leveraging low energy consumption and energy harvesting.	<b>Alois STEINER</b> Co-Team Leader for Thermal Management & Mobile Air Conditioning Virtual Vehicle Research Center in Graz, Austria OPTEMUS's coordinator
10:05	On the importance of Clustering - Towards tangible scientific and economical benefits for Europe	<b>Gilbert RIOS</b> – XERIC Professor Emeritus in Chemical Engineering - French National School for Engineering. European Membrane House CEO
10:15	Financing Electric mobility thanks to H2020 – <i>draft title</i>	<b>David GUEDJ</b> <b>European Commission</b> XERIC's Project Officer
10:35	From Cell to System – A brief introduction to the design of a battery system	<b>Maximilian BRUCH</b> - JOSPEL Project Manager Fraunhofer Institute for Solar Energy Systems ISE, Germany
10:55	<i>Coffee break</i>	
11:15	Preconditioning and Human Machine Interface	<b>Andrés CALDEVILLA</b> - OPTEMUS Advanced Research Technical Manager Denso - Germany

## Agenda - 2/2

11:30	Low energy heating system based on Joule effect	<b>Begoña GALINDO GALIANA</b> - JOSPEL Senior Polymer Research Aimplas - Spain
11 :45	Thermoelectrics and Joule effect for a low energy thermal management (heating and cooling)	<b>Silvia ORTEGA</b> – JOSPEL PhD student (industrial PhD programme) CIDETE Ingenieros S.L - Spain
12:05	How to create a micro-climate around the passengers to dispense with climatizing the entire cabin	<b>Felix WEIDMANN</b> - OPTEMUS Project engineer Fraunhofer LBF Divison Plastics in Darmstadt, Germany
12:25	<i>Lunch break + <b>DEMOS and posters</b></i>	

### AFTERNOON

When	What	Who
14.00	Emilia Romagna Smart Specialization Strategy: The electric vehicle value chain inside the European Industrial Modernization platform	<b>Francesco Paolo AUSIELLO</b> ASTER Strategic Projects Manager XERIC's Strategic Advisory Board
14:20	Membrane-based systems for energy-saving & energy generation/harvesting draft title	<b>Klaus-Viktor PEINEMANN</b> Professor in Chemical and Biological Engineering KAUST - King Abdullah University of Science and Technology, Saudi Arabia XERIC's Strategic Advisory Board
14:40	Process /system intensification, notably using membrane systems and contactors draft title	<b>Jean-Claude CHARPENTIER</b> Professor of Chemical Engineering Director Emeritus of Research at French Centre National de la Recherche Scientifique  XERIC's Strategic Advisory Board
15:00	Wrap up and presenting B2Bs	<b>Lamberto SALVAN</b> – JOSPEL Alke - Italy
15:10-15:45	Visit – Gallery Tour	all
15:45 to 18:00	<b>Networking: B2B meetings</b>	all



## Where & when

This one-day event will take place on **November 24, 2016** in **Bologna, Italy**.  
The venue is MAST: [www.mast.org/](http://www.mast.org/)

## Organisers

Three EU-funded projects that have taken up the challenge of systematic energy management of electric vehicles based on the integration of components and sub-systems.

**XERIC** – Innovative climate-control system to extend the range of electric vehicles and improve comfort.

**JOSPEL** – Low energy passenger comfort systems based on the joule and peltier effects.

**OPTEMUS** - Optimised energy management and use (holistic vehicle-occupant-centred approach)

[www.xeric.eu](http://www.xeric.eu) - <http://jospel-project.eu> - [www.optemus.eu](http://www.optemus.eu)

**Increasing the range of electric vehicles, this is the challenge we take up!**

Our goal is to develop synergies between research and industry and to achieve an extensive optimisation of the energy consumption in electric vehicles.

**So register now, you'll make sure to join us for an exciting and informative day.**

## Event Website

<https://www.b2match.eu/energy-efficiency-for-EVs>

