

Conference

Contact



Conference Electro Mobility: How Efficient is Electro Mobility?

June 4 – 5, 2015, Delmenhorst (Germany)

Register now!!!

Organizers:

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<http://www.phd-renewable-energy.de/en/events/e-mobility-2015/>

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How efficient is Electro Mobility?

- ✓ Industrial and academic collaboration
- ✓ Presentations on state-of-the-art topics in electro mobility

**Hanse-Wissenschaftskolleg (HWK) &
Carl von Ossietzky University of Oldenburg**

June 4-5, 2015

Lehmkuhlenbusch 4
27753 Delmenhorst (Germany)

Conference Fee: 50,00 EUR

Registration will close when all slots are filled, but at the latest on May 15, 2015.

The main scientific topics are:

- Energy and material efficiency
- Integration of IT systems
- Smart mobility
- Fuel cells
- End-of-life management

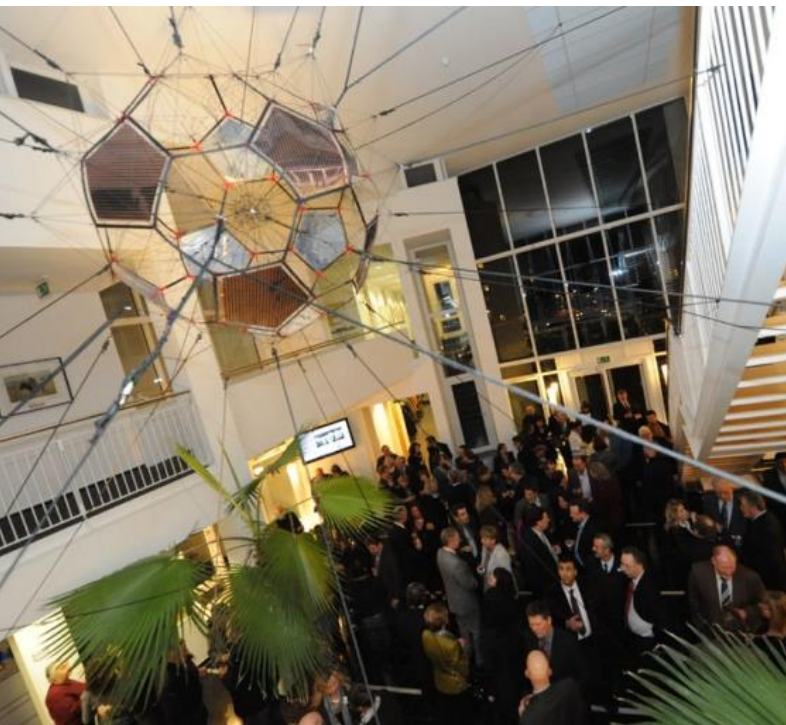


About the HWK

The Hanse-Wissenschaftskolleg (HWK) is a foundation in the city of Delmenhorst. Hosting the electro-mobility conference, the HWK is an interdisciplinary collaboration of internationally renowned scientists and young investigators by offering guest scholars the opportunity to concentrate on research projects for a certain space of time without the distractions of their regular academic responsibilities.

To find out more, please visit

www.h-w-k.de



Conference Program - 'How efficient is Electro Mobility'

Thursday, June 4, 2015

10:30 Arrivals and Welcome Coffee

11:00 Opening and Introduction

Session: Materials Perspective

11:20 Cascade Use & the Correlation to Efficiency
(Alexandra Pehlken, CvO University, Germany)

11:50 Criticality of Resources Related to Mobility (Steven Young, University of Waterloo, Canada)

12:20 How does Recycling Close the Loop?
(N.N.)

12:50 **Lunch**

Session: Mobility

14:00 Sustainable Mobility within Schaufenster Electro Mobility (Benjamin Wagner vom Berg, CvO University, Germany)

14:30 The South African Way
(Laurence Geyer, NMMU, South Africa)

15:00 Management of Battery-Electric Transport Vehicles in Maritime Container Terminals
(Serge Runge, Energy Research Center of Lower Saxony, Germany)

15:30 **Coffee Break**

16:00 Dismantling System of Lithium Ion Batteries
(Nirugaa Natkunarajah, U Siegen, Germany)

16:30 Batteries – The Next Generation
(Julian Schwenzel, Fraunhofer IFAM, Germany)

17:00 State of the Art in Battery Research
(Roswitha Zeis, Helmholtz Institute Ulm, Germany)

Evening Dinner

Friday, June 5, 2015

Session: Fuel Cells and System Integration

09:00 Fuel Cells in Automotive Applications (Pang-Chieh Sui, University of Victoria, Canada)

09:30 Fuel Cells and System Integration. (Corinna Harms, NEXT ENERGY, Germany)

10:00 Hydrogen Production – Needs and Challenges
(Aimy Bazylak, University of Toronto, Canada)

10:30 **Coffee Break**

11:10 Integration of Large Fleets of PHEVs into Smart Grids
(Curran Crawford, UVic, Canada)

11:40 Addressing Key Question “How efficient is Electro Mobility” and Further Discussion (Eckhard Helmers, University of Applied Science Trier, Germany)

12:30 **Lunch Break**

Session: (Re-)Manufacturing

13:30 E-Mobility and Closed-Loop Recycling (Patricia Egede, Christoph Hermann, TU Braunschweig, Germany)

14:00 Sustainable Manufacturing / Design for Environment
(Bernard Hon, University of Liverpool, UK)

14:30 Remanufacturing in China (Chen Ming, SJTU, China)

15:00 **Coffee Break**

15:30 Potential Market and Strategies for Material Recovery and Part Remanufacturing of New Energy Vehicles in China (Jinsheng Xiao, Wuhan, China)

16:00 Activities in the Metropolitan Region (Matthias Brucke, Clustermanager Automotive Nordwest e.V. Bremen)

16:30 Wrap up and Closing remarks

17:00 **Departures**

Excursion on Wednesday, June 3, 2015: Possibility to attend an excursion to Mercedes and Veniox Plant in Bremen