

„Eco-Mobility 2014“ 20th and 21st October 2014

Strategies, Technologies and R&D-funding programmes
for the Market Introduction of
Advanced Propulsion Systems and Fuels

1st Conference Day

Fuel Cells and Hydrogen

09:45	Welcome	Welcome by A3PS		
		Ingolf Schädler	Welcome Address by the Deputy Director General for Innovation Policy - Ministry for Transport, Innovation and Technology	bm vti
		Chair of Session: Andreas Dorda		
10:00		Sunita Satyapal	United States Department of Energy Overview of Hydrogen and Fuel Cell Activities	U.S. DEPARTMENT OF ENERGY
	Keynote Session	Marc Steen	Fuel Cell & Hydrogen Research at the JRC as well as R&D-Programs and -Strategies of the European Commission	JRC
11:00		Coffee Break		
11:30		Chair of Session: Wolfgang Kriegler		
		Jörg Wind	FCH-Activities at Daimler	DAIMLER
	Fuel Cells	Katsuhiko Hirose	Toyota's Effort Towards Sustainable Mobility	TOYOTA
12:30		Lunch		
14:00		Chair: Jörg Wind		
		Manfred Klell	FCH Austria: Status Quo and Perspectives	Hycenta TU Graz
	Hydrogen	Clemens Fink (AVL) Sean J. Ashton (IE)	A3-FALCON: Advanced FC Analysis, Diagnostics and Its Application	AVL Intelligent Energy
		Ewald Wahlmüller	Status of H ₂ Technologies for Material Handling and Industrial Application at Fronius	fronius
		Andreas Venskutonis	Plansee's FCH Activities	PLANSEE
		Werner Sitte	Research Activities towards Long-Term Stable SOFCs at Montanuniversität Leoben	MONTAN UNIVERSITÄT
16:00		Coffee Break		
16:30		Chair: Sunita Satyapal		
		Markus Mayer	From Prototype to Serial Production - Manufacturing Hydrogen Fuelling Stations	Linde
		Benjamin Pessl	Innovative Hydrogen Storage Systems	MAGNA STEYR
		Viktor Hacker	Low Temperature Fuel Cells and Hydrogen Production: Efficiency Improvement by Component Development	LEET TU Graz
		Hermann Hofbauer	Hydrogen from Biomass via Thermo-Chemical Route - Status of Development and Perspectives	TU WIEN bioenergy2020+
		Markus Schneider	Successful Market Introduction of Hydrogen Mobility for Heavy Duty Vehicles	ALSET
18:15		End of 1 st Conference Day		

Social Evening in Sky Stage

2nd Conference Day

Eco-Mobility

08:30






Keynote Session

Chair of Session: Wolfgang Kriegler		
Oliver Bishop	<i>The Challenge of Future Mobility - Hydrogen a Solution?</i>	
Stefan Schmerbeck	<i>Clean Vehicle Development at VW</i>	
Nils-Olof Nylund	<i>Technology Options for a Sustainable Energy and Transport System</i>	
Matthias Rebernik	<i>LNG - Promising Alternative Energy Carrier for Heavy Duty Application! Potential, Market and Technologies</i>	

10:30

11:00

Eco-Mobility

Coffee Break		
Chair: Stefan Schmerbeck		
Arno Ebner	<i>E-Mobility Development at KTM</i>	
Raimund Ratzi	<i>Miba's Eco-Mobility Activities - Components for Lower Emissions / Higher Efficiency</i>	
Dominik Dvorak	<i>Thermal Battery Stack Modeling and Simulation for Optimizing Vehicle Operating Strategy</i>	
Gerfried Jungmeier	<i>Energy Efficiency and Renewable Fuels - The two Keys for the Energy Transition in the Transportation Sector</i>	
Klaus Grieshofer	<i>Lithium Ion Battery Integration in the Automotive Market</i>	

12:45

14:15

Plenary Session

Lunch

Discussion on Technology Options for Eco-Mobility

Sunita Satyapal (US-DOE)
 Katsuhiko Hirose (Toyota)
 Oliver Bishop (Shell)
 Stefan Schmerbeck (VW)
 Nils-Olof Nylund (IEA)
 Matthias Rebernik (Cryoshelter)

Moderation: Florian Zangerl (Industriemagazin)

15:30

End of Conference

Exhibition:
Components & Posters
from A3PS-Members

