

## „Eco-Mobility 2014“ 20<sup>th</sup> and 21<sup>st</sup> October 2014

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

### 1<sup>st</sup> 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		
	Keynote Session	Chair of Session: Andreas Dorda			
10:00		Sunita Satyapal	United States Department of Energy Overview of Hydrogen and Fuel Cell Activities		
		Marc Steen	Fuel Cell & Hydrogen Research at the JRC as well as R&D-Programs and -Strategies of the European Commission		
11:00		Coffee Break			
11:30		Chair of Session: Wolfgang Kriegler			
		Jörg Wind	FCH-Activities at Daimler		
	Katsuhiko Hirose	Toyota's Effort Towards Sustainable Mobility			
12:30	Lunch				
14:00	Fuel Cells	Chair: Jörg Wind			
		Manfred Klell	FCH Austria: Status Quo and Perspectives		
		Clemens Fink (AVL) Sean J. Ashton (IE)	A3-FALCON: Advanced FC Analysis, Diagnostics and Its Application		
		Ewald Wahlmüller	Status of H <sub>2</sub> Technologies for Material Handling and Industrial Application at Fronius		
		Andreas Venskutonis	Plansee's FCH Activities		
		Werner Sitte	Research Activities towards Long-Term Stable SOFCs at Montanuniversitaet Leoben		
16:00	Coffee Break				
16:30	Hydrogen	Chair: Sunita Satyapal			
		Markus Mayer	From Prototype to Serial Production - Manufacturing Hydrogen Fuelling Stations		
		Benjamin Pessl	Innovative Hydrogen Storage Systems		
		Viktor Hacker	Low Temperature Fuel Cells and Hydrogen Production: Efficiency Improvement by Component Development		
		Hermann Hofbauer	Hydrogen from Biomass via Thermo-Chemical Route - Status of Development and Perspectives		
		Markus Schneider	Successful Market Introduction of Hydrogen Mobility for Heavy Duty Vehicles		
18:15	End of 1 <sup>st</sup> Conference Day				

Social Evening in Sky Stage

## 2<sup>nd</sup> 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>	<b>Cryoshelter</b>

10:30

### Coffee Break

11:00

### Eco-Mobility

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

12:45

### Lunch

14:15

### Plenary Session

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

**Discussion on  
Technology Options  
for Eco-Mobility**

Moderation: Florian Zangerl (Industriemagazin)

15:30

### End of Conference

Exhibition:  
Components & Posters  
from A3PS-Members

