



ÖAMTC AKADEMIE



Austrian Advanced Automotive Technology



ECHM
we know how to do it

Final Program

H2-Automotive Workshop

March 13 – 16, 2006, La Jolla, CA
University of California at San Diego
Center for Energy Research

Sunday, 2006-03-12

18:00 – 19:00

Welcome Reception at Radisson Hotel, La Jolla

Monday, 2006-03-13

9:00 – 10:00

Registration to the Conference at Radisson Hotel, La Jolla

10:00 – 13:00

Transfer to the Hydrogen Expo, Long Beach

13:00 – 18:00

Visit of the Hydrogen Expo, Long Beach

18:00 – 20:00

Transfer to Hotel Radisson, La Jolla

Tuesday, 2006-03-14

9:00 – 9:15

Welcome and Introduction

K. Seshadri, University of California at San Diego

Ch. Zach, Academy of the Austrian Automobile Association

9:15 – 9:45

Hydrogen Pathways 2020

E. Pucher, Vienna University of Technology

9:45 – 10:15

Climate Change - The Influence of Mobility and Mitigation Strategies

N. Nakicenovic, A. Mueller, Vienna University of Technology, Department for Electrical Engineering and Computer Science

10:15 – 10:30 Coffee break

10:30 – 11:00

Sustainable Production of Hydrogen in Decentralized Energy Systems

G. Brauner, Ch. Leitinger, Vienna University of Technology, Department for Electrical Engineering and Computer Science

11:00 – 11:30

Hydrogen Production by Reformation of Fuels and use in Plug-in Hybrids

P. Erickson, UC Davis, Mechanical and Aeronautical Engineering

11:30 – 12:00

Hydrogen Combustion and the Formation of Exhaust Constituents

St. Humer, K. Seshadri, UC San Diego, Center for Energy Research

12:30 – 14:00 Lunch Break

14:00 – 14:30

New Vehicle Technologies and Propulsion Systems

A. Sekanina, E. Pucher, Vienna University of Technology, Department for Mechanical and Industrial Engineering

14:30 – 15:00

High Efficient Bipolar Unit for PEM Fuel Cells for Automotive Application

K. Gruber, H. Kronberger, Vienna University of Technology and ECHEM – Applied Electrochemistry

15:00 – 15:30 Coffee break

15:30 – 16:00

Diagnostic Concept for a Worldwide Fuel Cell Vehicle Fleet at the Californian Fuel Cell Partnership

T. Roche, DaimlerChrysler RTNA at the Californian Fuel Cell Partnership, Sacramento

16:00 – 16:30

European Hydrogen and Fuel Cell Activities

P. Claassen, CLIMT GmbH Graz, Austria

H. Wancura, ALPPS Fuel Cell Systems GmbH, Graz, Austria

19:00 – 21.00

Conference Dinner in the Village of La Jolla

Wednesday, 2006-03-15

Individual visits of fuel cell vehicle demonstration sites in the Los Angeles area

Thursday, 2006-03-16

09:00 – 09:30

Hydrogen Storage for Automotive Applications - Standards and Regulations

G. Bartlok, Magna Steyr Vehicle Technology

09:30 – 10:00

The Electric Powertrain for Zero-emission Vehicles

G. Woody, General Motors ATC Fuel Cell

10:00 – 10:30

Austrian H2-Automotive Platform and Introduction to the Workshops

Ch. Zach, B. Kuchar, Academy of the Austrian Automobile Association

10:30 – 10:45 Coffee break

10:45 – 12:30

Workshop: Advanced Zero Emission Automotive Technology

Chair: E.. Pucher

12:30 – 14:00 Lunch Break

14:00 – 16:30

Workshop: Hydrogen as Future Automotive Energy Source

Chair: G. Brauner

16:30 – 17:00

Conclusions and Closing of the Workshop

K. Seshadri, UC San Diego

E. Pucher, Vienna University of Technology