



ÖAMTC AKADEMIE



Austrian Advanced Automotive Technology



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## Preliminary Program

# H2-Automotive Workshop

March 13 – 16 , 2006, UC San Diego, CA

### 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 Hydrogenexpo in Long Beach**

**13:00 – 18:00**

**Visit of the Hydrogenexpo in 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**

**The Austrian Alternative Propulsion Research Activities**

E. Pucher, Vienna University of Technology

**9:45 – 10:15**

**Climate Change - The Influence of Mobility and Mitigation Strategies**

N. Nakicenovic, A. Ajanovic, 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 from Fusion Energy**

N.N., University of California at San Diego, Center for Energy research

**11:30 – 12:00**

**Fuel Cells for Automotive Application**

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

**12:30 – 14:00 Lunch Break**

**14:00 – 14:30**

**New Vehicle Technologies and Propulsion Systems**

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

**14:30 – 15:00**

**Hydrogen production by reformation of fuels and use in plug-in hybrids**

P. Erickson, UC Davis, Mechanical and Aeronautical Engineering

**15:00 – 15:30**

**Hydrogen combustion and the formation of exhaust constituents**

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

**15:30 – 16:00 Coffee break**

**16:00 – 16:30**

**European Hydrogen and Fuel Cell Activities**

P. Claassen, H. Wancura, CLIMT GmbH Graz

**16:30 – 17:00**

**Real-life Experience with Fuel Cell Vehicles**

N.N.

**19:00 – 21.00**

**Conference Dinner in the Village of La Jolla**

**Wednesday, 2006-03-15**

**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 Powerdrain 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**

E. Pucher, Vienna University of Technology

K. Seshadri, UC San Diego