IEA Advanced Fuel Cells Annex 34: Fuel Cells for Transportation

Agenda -11th November, 2015 (10th floor - seminar room 10A)

Opening – Welcome and Introduction

09:00
Welcome and Introduction
Michael Nikowitz, A3PS -Host

09:15
Annex 34: Advanced Fuel Cells for Transportation - Welcomeand introduction round
Rajesh Ahluwalia, Argonne National Laboratory- Task Leader

Session 1: Overview on Austria's Activities on AFC in Transportation

09:30
Austrian hydrogen and fuel cell vehicle activities 2015
Milica Gadjanski, Technical University of Vienna

09:55
Fuel infrastructure for distributed and central production of hydrogen
Walter Böhme, OMV

10:20
Degradation of polymer electrolyte fuel cells accelerated by membrane defects
Merit Bodner, Technical University of Graz

10:45
Research activities on long-term stable SOFC cathodes
Werner Sitte, Montanuniversität Leoben – University of Leoben

11:10
Fuel Cell and Hydrogen Cluster Austria (tbc)
Manfred Klell, HyCentA (Hydrogen Center Austria)

Lunch Break and Networking(11:30-12:30)

Session 2: Country Presentations - Focus on Bipolar Plates for Automotive Fuel Cells

12:30
Bipolar Plate Requirements for Automotive Fuel Cells
Rajesh Ahluwalia, Argonne National Laboratory

13:00
Effect of Potential and Temperature on Electrochemical Corrosion of Metallic Bipolar Plates for HT-PEFCs
Vitali Weißbecker, FZ Jülich

13:30
Advanced MEAs for automotive application's
Madeleine Odgaard, IRD Fuel Cells

14:00
Interconnectors
Christian Bienert, Plansee

14:30
Topic (tbd)*(Webinar)*
Satish Kandlikar, Rochester Institute of Technology (tbc)

Coffee Break and Networking (15:00-15:45)

15:45
Bipolar Plates for PEM Electrolysis: Challenges vs. Fuel Cells*(Webinar)*
Kathy Ayers, Proton OnSite

16:15
Metal Bipolar Plate Coating for PEM Fuel Cells*(Webinar)*
Conghua Wang, TreadStone Technologies

16:45
R&D for Automotive PEM Fuel Cell System -Bipolar Plates *(Webinar)*
Shinichi Hirano, Ford Motor Company

17:15
Sandvik Surface Technology - Commercializing bipolar plate production*(Webinar)*
Hanna Bramfeldt, Sandvik

17:45
Ceramic MaxPhase™ - a highly conductive, low cost, and corrosion resistant coating on metal bipolar plates for PEM fuel cell*(Webinar)*
Henrik Ijungcrantz, Impact Coatings

Conclusion and Closing Remarks

18:15
Closing Remarks and Farewell Address
Rajesh Ahluwalia, Argonne National Laboratory- Task Leader

End of Workshop (19:00)

Dinner and Networking

The A3PS cordially invites all participants of the workshop to a common dinner at a restaurant close to the venue.