

Day 1 - Thursday, November 12, 2026 - DRAFT



8:30 – 9:00 Registration

9:00 – 9:15 **Opening & Introduction**
Dr. Michael Nöst & Prof. Peter Prenninger | A3PS Austrian Association for Advanced Propulsion Systems

9:15 – 9:30 **Welcome**
Ms. Jaqueline Grassl | Federal Ministry for Innovation, Mobility and Infrastructure (BMIMI) and Federal Ministry

9:30 – 11:30 **Opening Keynote Session**
Chair: Dr. Michael Nöst | Member of A3PS Board
Keynote: Prof. XU Xiangyang, tbc | Beihang University, Beijing, China SAE: *Asian Perspective - Chinese Automotive Roadmap 3.0*
Keynote: Prof. ZHANG Lijun, Tongji University | School of Automotive Studies, Shanghai: *Title TBD*
Keynote: Prof. Michael Tost | Montanuniversität Leoben: *Europe's Approach to Resource Constraints for Sustainable Mobility Technologies*
Panel Discussion

11:30 – 13:00 Lunch Break

13:00 – 13:15 **Welcome from Minister Hanke**
KommR Peter Hanke Federal Minister for Innovation, Mobility and Infrastructure | BMIMI

13:15 – 14:45 **Session 1: Sustainable Energy Carrier & Energy Converters**
Chair: Prof. Peter Prenninger | A3PS Chairman of the Board
Keynote: Dr. Syed Asif Ansar | German Aerospace Center (DLR) : *Hydrogen-Electric Propulsion and Green Hydrogen Supply for Aviation and Shipping*
Mr. Wilhelm Vallant | AVL: *Light Dedicated Hybrid Transmission for 2-Wheelers*
Mr. Cristian Chirita | via donau: *Greening Inland Waterway Transport: What Really Makes a Difference*
Panel Discussion

14:45 – 15:15 **Poster Presentation**
Introduction of Poster Authors
Moderation: Prof. Werner Sitte & Prof. Thomas Lauer

15:15 – 16:00 **Visit of the Posters**

16:00 – 16:30 Coffee Break

16:30 – 18:00 **Session 2: Innovative Materials and Production - Circular Economy**
Chair: Prof. Franz Haas | Technical University Graz, A3PS Expert Group Leader IMP
Keynote: Prof. Eva Gerold | Montanuniversität Leoben: *Battery Recycling as an Enabler for Sustainability and Security of Supply*
Dr. Carina Schlögl | LKR Leichtmetallkompetenzzentrum Ranshofen: *Digitalization in Production*
Priv. Doz. Dr. Ulrich Müller | Wood Vision Lab: *Wood – High-Tech Raw Material for Automotive Production of the Future*
Panel Discussion

18:00 – 18:30 **Meet the Speakers & Poster Authors**

18:30 – 21:30 **Social Evening**
Opening: A3PS & BMIMI

Rethinking Propulsion.

9:00 – 10:30

Session 3: Battery and Electric Powertrain

Chair: Dr. Damian Cupid | AIT Austrian Institute of Technology, A3PS Expert Group Leader BEP

Mr. Martin Weinzerl | AVL: *Title TBD; Electric Powertrain*

Dr. Mahmoud Reda | Creonia Cells: *Introduction to Creonia and Progression of the Lithium-Ion Battery Market*

Dr. Richard Schmuch, tbc | Fraunhofer FFB: *Introduction to Fraunhofer FFB and overview of E-Mobility in Germany*

Dr. Bettina Rutrecht | K1-MET GmbH: *From Recycling to Sustainable Battery Design: Life Cycle Assessment in FuLiBatter and Move-it*

Panel Discussion

10:30 – 11:00

Coffee Break and **Visit of the Posters**

11:00 – 12:30

Session 4: Hydrogen and Fuel Cells

Chair: Dr. Alexander Trattner | HyCentA, A3PS Expert Group Leader FCH

Dr. Alexandros Antonopoulos | SAG: *Liquid Hydrogen tank system for vehicles*

Dr. Elvira Lutter | WIVA P&G: *Title TBD*

Dr. Jürgen Kraft | EKPO Fuel Cell Technologies: *PEM Fuel Cells as versatile Stack Solutions for Mobility Applications*

Ms. Linda Kirchberger | Wien Energie GmbH: *Hydrogen Busses in Vienna and the New Hydrogen Valley*

Panel Discussion

12:30 – 13:30

Lunch Break

13:30 – 15:00

Session 5: Vehicle Innovation, Safety and Sustainability

Chair: Dr. Barbara Unterauer | Engineering Center Steyr, A3PS Expert Group Leader VISS & **Dr. David Storer** | CLEPA

Keynote: Tanja Mohoric | Automotive Cluster Slovenia: *Title TBD*

Prof. Thomas Novak | FH OÖ Campus Steyr: *ROBERTA – Real World Automated Bus Operation Austria*

Dr. Andreas Kuhn | *Cause or Solution of Complexity: About the Motivations and Consequences of the Software-Defined-Vehicle*

Panel Discussion

15:00 – 15:30

Closing Remarks & Poster Award

Prof. Peter Prenninger & Dr. Astrid Wolfbeisser | A3PS: *Wrap Up Conference & Poster Awarding*

21th International A3PS Conference

Eco-Mobility 2026

Sustainable Mobility Technologies in a Changing World

Technology Diversity in Response to Global Competition
and Ressource Constraints

Rethinking Propulsion.