



16 - 17 NOVEMBER 2023
PALAIS PALFFY - 1010 VIENNA

18th International A3PS Conference
Eco-Mobility 2023

How to achieve 100 % sustainable mobility?

Organized by



Supported by
Federal Ministry
Republic of Austria
Climate Action, Environment,
Energy, Mobility,
Innovation and Technology

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ReThinking Propulsion

1st Conference Day: Thursday, 16 Nov 2023

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| 08:30 | Registration | | | |
| 09:00 | Opening | BM Leonore Gewessler | Welcome | BMK - Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology |
| | | Dr. Michael Nöst Prof. Peter Prenninger | Opening & Introduction | A3PS - Austrian Association for Advanced Propulsion Systems |
| 09:15 | Keynotes | Chair: Dr. Michael Nöst | | |
| 09:25 | | Prof. Tuan Le Anh | Policies and Implementation Actions Towards Net-Zero by 2050 in Vietnam | Hanoi University of Science and Technology |
| 09:30 | | Dr.-Ing. Olaf Toedter | reFuels as Necessary Element to achieve Paris Targets are ready | KIT - Karlsruhe Institute of Technology |
| 10:00 | | Mr. Josef Honeder | Technology Openess for Sustainable Mobility | BMW Steyr |
| 10:30 | | Prof. Tuan Le Anh Mr. Josef Honeder | | Hanoi University of Science and Technology BMW Steyr |
| 11:00 | Lunch | | | |
| 11:30 | Poster Exhibition | | | |
| 12:30 | Session 1: BEV Battery Electric Vehicle | Chair: Dr. Raimund Ratzl | | |
| 13:00 | | Mr. Stefan Gaigg | Miba Battery Systems VOLTfactory® – From Concept to Reality | Miba |
| 13:05 | | Dr. Michele De Gennaro | Towards decarbonising air transport: Li-ion batteries technologies for next generation aircraft | AIT Austrian Institute of Technology GmbH |
| 13:20 | | Dr. Astrid Arnberger | Recycling and Remanufacturing of Traction Batteries | Saubermacher |
| 13:35 | | Panel | Mr. Stefan Gaigg Dr. Michele De Gennaro Dr. Astrid Arnberger | Miba AIT Austrian Institute of Technology GmbH Saubermacher |
| 13:50 | Coffee Break & Poster Tour | | | |
| 14:30 | Session 2: FCV Fuel Cell Vehicle & Hydrogen | Chair: Dr. Alexander Trattner | | |
| 15:00 | | Mr. Andrea Gerini | Hydrogen as Key Enabler for the Heavy-Duty Transport System Decarbonization | IVECO |
| 15:05 | | Mr. Christoph Kiegerl | Decarbonization Solutions for Construction Machinery Focusing on Electrification and Hydrogen Technologies | Liebherr-Werk Bischofshofen GmbH |
| 15:30 | | Ms. Rebekka Köll | Fuel Cell Busses - Toolchain for Operation Strategy Optimization | HyCentA Research GmbH |
| 15:45 | | Mr. Josef Macherhammer | Solid Oxide Cell (SOC) Technology – Gamechanger Towards High Efficient Production of Hydrogen and Derivatives | AVL List GmbH |
| 16:00 | Panel | Mr. Christoph Kiegerl Ms. Rebekka Köll Mr. Josef Macherhammer | Liebherr-Werk Bischofshofen GmbH HyCentA Research GmbH AVL List GmbH | |
| 16:15 | Social Evening | | | |
| 17:30 | Opening | A3PS Board | Welcome | A3PS - Austrian Association for Advanced Propulsion Systems |
| 22:00 | Networking with participants, speakers and exhibitors | | | |
| 22:00 | End of 1st Conference Day | | | |



2nd Conference Day: Friday, 17 Nov 2023

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| 09:00 | Keynotes | Chair: Dr. Andreas Dorda | |
| 09:10 | | Prof. Sebastian Schlund | Future Mobility without Value Creation in Austria? Fraunhofer Austria Research GmbH |
| 09:40 | | Dr. David M. Storer | Automotive Suppliers' R&I Vision on Circularity CLEPA |
| 09:50 | | Panel | Prof. Sebastian Schlund Dr. David M. Storer Fraunhofer Austria Research GmbH CLEPA |
| 10:30 | Coffee Break | | |
| 11:00 | Session 3: HYF Hybrids & Sustainable Fuels | Chair: Prof. Peter Prenninger | |
| 11:05 | | Prof. Markus Lehner | Sustainable Aviation Fuels Montanuniversität Leoben |
| 11:20 | | Mr. Cristian Chirita | Pathways to Sustainable Inland Waterway Transport viadonau |
| 11:35 | | Dr. Christina Granitz | Sweet Spotting the H2 ICE – An Approach for Portfolio Decisions Favoring the ICE Characteristics Berylls Strategy Advisors / TU Graz |
| 11:50 | | Panel | Prof. Markus Lehner Mr. Cristian Chirita Dr. Christina Granitz Montanuniversität Leoben viadonau Berylls Strategy Advisors / TU Graz |
| 12:20 | Lunch Break | | |
| 13:20 | Session 4: AVC Advanced Vehicle Concepts | Chair: Prof. Bernhard Brandstätter | |
| 13:25 | | Mr. Christian Kurzböck | Bio-based materials: How we can make mobility more sustainable Virtual Vehicle Research |
| 13:40 | | Dr. Eric Armengaud | Electric Vehicles of the Next Generation E-Volve Cluster |
| 13:55 | | | Mr. Christian Kurzböck Dr. Eric Armengaud Virtual Vehicle Research E-Volve Cluster |
| 14:25 | Workshop | Table Chairs: A3PS Expert Group Leaders | |
| | | How to achieve 100 % sustainable mobility? all conference participants | |
| 15:25 | Drinks and Snacks | | |
| 15:35 | Closing | Table Chairs Dr. Astrid Wolfbeisser | Workshop Summary and Closing Remarks A3PS - Austrian Association for Advanced Propulsion Systems |
| 16:15 | End of Conference | | |