



16 - 17 NOVEMBER 2023
PALAIS PALFFY - 1010 VIENNA

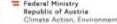
18th International A3PS Conference
Eco-Mobility 2023

How to achieve 100% sustainable mobility?

Organized by



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

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ReThinking Production

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 |
| 09:15 | | Dr. Michael Nöst Prof. Peter Prenninger | Opening & Introduction | A3PS - Austrian Association for Advanced Propulsion Systems |
| 09:25 | Keynotes | Chair: Dr. Michael Nöst | | |
| 09:30 | | Ms. Els de Wit | Dutch Plans for Zero Emission Mobility, tbd | Ministry of Infrastructure and Watermanagement of the Netherlands |
| 10:00 | | Prof. Tuan Le Anh | Policies and Implementation Actions Towards Net-Zero by 2050 in Vietnam | Hanoi University of Science and Technology |
| 10:30 | | Dr.-Ing. Olaf Toedter | reFuels as Necessary Element to achieve Paris Targets are ready | KIT - Karlsruhe Institute of Technology |
| 11:00 | | Mr. Josef Honeder | Technology Openess for Sustainable Mobility | BMW Steyr |
| 11:30 | | Prof. Tuan Le Anh Mr. Josef Honeder | | Hanoi University of Science and Technology BMW Steyr |
| 12:00 | Lunch | | | |
| 13:00 | Poster Exhibition | | | |
| 13:30 | Session 1: BEV Battery Electric Vehicle | Chair: Dr. Raimund Ratzl | | |
| 13:35 | | Mr. Stefan Gaigg | Miba Battery Systems VOLTfactory® – From Concept to Reality | Miba |
| 13:50 | | Dr. Michele De Gennaro | Towards decarbonising air transport: Li-ion batteries technologies for next generation aircraft | AIT Austrian Institute of Technology GmbH |
| 14:05 | | Dr. Astrid Arnberger | Recycling and Remanufacturing of Traction Batteries | Saubermacher |
| 14:20 | | Panel | Mr. Stefan Gaigg Dr. Michele De Gennaro Dr. Astrid Arnberger | Miba AIT Austrian Institute of Technology GmbH Saubermacher |
| 15:00 | Coffee Break & Poster Tour | | | |
| 15:30 | Session 2: FCV Fuel Cell Vehicle & Hydrogen | Chair: Dr. Alexander Trattner | | |
| 15:35 | | Mr. Andrea Gerini | Hydrogen as Key Enabler for the Heavy-Duty Transport System Decarbonization | IVECO |
| 16:00 | | Mr. Christoph Kiegerl | Decarbonization Solutions for Construction Machinery Focusing on Electrification and Hydrogen Technologies | Liebherr-Werk Bischofshofen GmbH |
| 16:15 | | Ms. Rebekka Köll | Fuel Cell Busses - Toolchain for Operation Strategy Optimization | HyCentA |
| 16:30 | | Mr. Josef Macherhammer | Solid Oxide Cell (SOC) Technology – Gamechanger Towards High Efficient Production of Hydrogen and Derivatives | AVL List GmbH |
| 16:45 | | Panel | Mr. Christoph Kiegerl Ms. Rebekka Köll Mr. Josef Macherhammer | Liebherr-Werk Bischofshofen GmbH HyCentA AVL List GmbH |
| Social Evening | | | | |
| 18:00 | Opening | A3PS Board | Welcome | A3PS - Austrian Association for Advanced Propulsion Systems |
| Networking with participants, speakers and exhibitors | | | | |
| 22:00 | End of 1st Conference Day | | | |



virtual presentation



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How to achieve 100 % sustainable mobility?
Circular Economy – from Cradle to Grave and back to Cradle
NOV 16 - 17 2023
Palais Palffy Kultur & Events GmbH
Josefsplatz 6, 1010 Wien

2nd Conference Day: Friday, 17 Nov 2023

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| 09:00 | Chair: Dr. Andreas Dorda | | |
| 09:10 | Keynotes | 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 | Chair: Prof. Peter Prenninger | | |
| 11:05 | Session 3: HYF Hybrids & Sustainable Fuels | 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 | Chair: Prof. Bernhard Brandstätter | | |
| 13:25 | Session 4: AVC Advanced Vehicle Concepts | Mr. Markus Schweiker | Connected Vehicle Energy Management - Software and Services Robert Bosch GmbH - Stuttgart |
| 13:40 | | Christian Kurzböck | Bio-based materials: How we can make mobility more sustainable Virtual Vehicle Research |
| 13:55 | | Dr. Eric Armengaud | Electric Vehicles of the Next Generation E-Volve Cluster |
| 14:10 | | | Mr. Markus Schweiker Christian Kurzböck Dr. Eric Armengaud Robert Bosch GmbH - Stuttgart Virtual Vehicle Research E-Volve Cluster |
| 14:40 | Workshop | Table Chairs: A3PS Expert Group Leaders How to achieve 100 % sustainable mobility? all conference participants | |
| 15:40 | Drinks and Snacks | | |
| 15:50 | Closing | Table Chairs and Conference Chair | Workshop Results and Closing Remarks A3PS - Austrian Association for Advanced Propulsion Systems |
| 16:20 | End of Conference | | |