



NOV 24 - 25 2022

Gironcoli-Kristall, STRABAG Art Forum  
Donau-City-Straße 9, 1220 Vienna, Austria

### 1<sup>st</sup> Conference Day: Thursday, 24 Nov 2022

09:00	Registration			
09:30	Opening	Dr. Michael <b>Nöst</b> , Mr. Hanno <b>Miorini</b> & Ms. Theresia <b>Vogel</b>	<b>Opening &amp; Introduction</b>	A3PS - Austrian Association for Advanced Propulsion Systems & Climate and Energy Fund
09:45		BM Leonore <b>Gewessler</b> SC Henriette <b>Spyra</b>	<b>Welcome</b>	BMK - Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology
09:55	Keynotes	Chair: Dr. Michael <b>Nöst</b>		
10:00		Dr.-Ing. Stephan <b>Neugebauer</b>	<b>Climate Neutral Road Transport – a race between technology and propaganda!</b>	BMW AG; European Road Transport Research Advisory Council (ERTRAC), Chair
10:30		Mr. Georg <b>List</b>	<b>Research &amp; Efficient Development for Sustainable Mobility</b>	AVL List
11:00	Coffee Break			
11:20	Session 1: Advanced Electric Vehicle Technologies	Chair: Prof. Peter <b>Prenninger</b>		
11:25		Dr. Marcus <b>Jahn</b>	<b>Climate-friendly Batteries for Tomorrow's Mobility, tbc</b>	AIT - Austrian Institute of Technology
11:40		Mr. Christian <b>Doppler</b>	<b>Components and Systems for Next Generation EVs</b>	Virtual Vehicle Reserach
11:55		Dr. Hubert <b>Mitterhofer</b>	<b>Motor design of the eVSP - a milestone in zero-emission- shipping</b>	LCM - Linz Center of Mechatronics
12:10		Panel	Dr. Simon Edwards Mr. Christian Doppler Dr. Marcus Jahn Mr. Georg List Dr. Hubert Mitterhofer	Ricardo GmbH Virtual Vehicle Reserach AIT AVL List LCM
13:00	Lunch			
Exhibition & Posters				
14:30	Keynote	Dr. Simon <b>Edwards</b>	<b>Different Propulsion System Approaches for Different Use Cases</b>	Ricardo GmbH
15:00	Coffee Break			
15:30	Session 2: Community Based Automotive Transformation	Chair: Ms. Sarah <b>Bittner-Krautsack</b>		
15:35		Mr. Ronald <b>Lausch</b> Dr. Jasmine <b>Ramsebner</b> Mr. Peter <b>Kainz</b>	<b>Success Stories</b>	SMARTRICS KEBA EMPA-Trac
16:00		Mr. Oliver <b>Danninger</b>	<b>Presentation of the Austrian Automotive Transformation Platform (AATP) and its first results</b>	AATP Platform Management
16:15		Panel: International perspectives on the Austrian Automotive Transformation Platform	Ms. Theresia Vogel Ms. Susanne Knobloch Dr.-Ing. Stephan Neugebauer Ms. Patrizia Ilda Valentini	Climate and Energy Fund Embassy of Canada BMW AG & ERTRAC Renault & AATP Ambassador
17:00		Mr. Gernot <b>Wörther</b>	<b>Conclusion &amp; Next Steps</b>	Climate and Energy Fund
Social Evening				
18:00	Opening	SC Henriette <b>Spyra</b> Ms. Theresia <b>Vogel</b> Dr. Michael <b>Nöst</b>	<b>Welcome</b>	BMK and Energy Fund Climate A3PS
18:10		Dr. Gertraud <b>Leimüller</b>	<b>The new Paradigm of Innovation</b>	winnovation
18:30	Networking with participants, speakers and exhibitors			
22:00	End of 1st Conference Day			



**2<sup>nd</sup> Conference Day: Friday, 25 Nov 2022**

09:00		Chair: Mr. Hanno Miorini		
09:05	<b>Keynote</b>	Dr. Ulrich Kramer	<b>Transformation of European mobility to a climate-neutral post-fossil age – A Life Cycle Analysis Based on the FVV Fuels Studies IV and IV b</b>	FVV (Ford-Werke GmbH)
10:00	<b>Coffee Break</b>			
10:20		Chair: Dr. Alexander Trattner		
10:25	<b>Session 3: Long-Distance and off-Road Transportation</b>	Mr. Felix Haberl	<b>Volvo transition to fossil free Heavy Duty transport solutions</b>	Volvo Group
10:45		Dr. Edgar Ahn	<b>Is there still Room for Biomass-Based Biofuels in the Defossilisation of the Transport Sector?</b>	BDI Holding
11:00		Dr. Nicole Wermuth	<b>The future role of internal combustion engines for sustainable ship propulsion</b>	LEC - Large Engine Competence Center, TU Graz
11:15		Mr. Wolfgang Gruber	<b>FC4HD – Heavy-duty fuel cell road demonstrator</b>	AVL List
11:30		Panel	Dr. Edgar Ahn Mr. Wolfgang Gruber Dr. David M. Storer Dr. Nicole Wermuth	BDI Holding AVL List CLEPA LEC, TU Graz
12:00	<b>Lunch Break</b>			
13:00		Chair: Mr. Hanno Miorini		
13:05	<b>Session 4: Circular Economy and Production - Concepts and Processes</b>	Prof. Carsten Gachot	<b>Tailored engineering surfaces and zero wear material surfaces For Energy savings</b>	IKP - Institute of Engineering Design and Product Development, TU Wien
13:20		Mr. Oliver Obrist	<b>Sustainable Energy Carrier Production via Direct Air CO<sub>2</sub> Capture</b>	Obrist Powertrain
13:35		Dr. Alex Damyanov	<b>Green NCAP. A Consumer's Decision – The Independent Vehicle Sustainability Assessment Programme</b>	Green NCAP
13:50		Dr. Gerfried Jungmeier	<b>Towards Climate Neutrality and Circularity – The Case of e-Trucks in Austria 2040+</b>	Joanneum Research
14:05		Panel: Presentation of A3PS-Roadmap and Plenary Discussion about Future Perspectives	Ms. Jaqueline Matijevic Dr. Alex Damyanov Prof. Carsten Gachot Dr. Gerfried Jungmeier Mr. Oliver Obrist	BMK III/4 Green NCAP IKP, TU Wien Joanneum Research Obrist Powertrain
14:50	<b>Closing</b>	Dr. Michael Nöst & Mr. Hanno Miorini	<b>Closing Remarks</b>	A3PS - Austrian Association for Advanced Propulsion Systems
14:55	<b>Drinks and Snacks</b>			
15:45	<b>End of Conference</b>			

virtual presentation