




NOV 24 - 25 2022

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

1st Conference Day: Thursday, 24 Nov 2022

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



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2nd Conference Day: Friday, 25 Nov 2022

09:00		Chair: Mr. Hanno Miorini		
09:05	Keynote	Dr. Ulrich Kramer	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	FVV (Ford-Werke GmbH)
10:00	Coffee Break			
10:20		Chair: Dr. Alexander Trattner		
10:25	Session 3: Long-Distance and off-Road Transportation	Mr. Felix Haberl	Volvo transition to fossil free Heavy Duty transport solutions	Volvo Group
10:45		Dr. Edgar Ahn	Is there still Room for Biomass-Based Biofuels in the Defossilisation of the Transport Sector?	BDI Holding
11:00		Dr. Nicole Wermuth	The future role of internal combustion engines for sustainable ship propulsion	LEC - Large Engine Competence Center, TU Graz
11:15		Mr. Wolfgang Gruber	FC4HD – Heavy-duty fuel cell road demonstrator	AVL List
11:30		Panel	Dr. David M. Storer Dr. Edgar Ahn Dr. Nicole Wermuth Mr. Wolfgang Gruber	CLEPA BDI Holding LEC, TU Graz AVL List
12:00	Lunch Break			
13:00		Chair: Mr. Hanno Miorini		
13:05	Session 4: Circular Economy and Production - Concepts and Processes	Prof. Carsten Gachot	Tailored engineering surfaces and zero wear material surfaces For Energy savings	IKP - Institute of Engineering Design and Product Development, TU Wien
13:20		Mr. Oliver Obrist	Sustainable Energy Carrier Production via Direct Air CO₂ Capture	Obrist Powertrain
13:35		Dr. Alex Damyanov	Green NCAP. A Consumer's Decision – The Independent Vehicle Sustainability Assessment Programme	Green NCAP
13:50		Dr. Gerfried Jungmeier	Towards Climate Neutrality and Circularity – The Case of e-Trucks in Austria 2040+	Joanneum Research
14:05		Panel: Presentation of A3PS-Roadmap and Plenary Discussion about Future Perspectives	Ms. Jaqueline Matijevic Prof. Carsten Gachot Mr. Oliver Obrist Dr. Alex Damyanov Dr. Gerfried Jungmeier	BMK III/4 IKP, TU Wien Obrist Powertrain Green NCAP Joanneum Research
14:50	Closing	Dr. Michael Nöst & Mr. Hanno Miorini	Closing Remarks	A3PS - Austrian Association for Advanced Propulsion Systems
14:55	Drinks and Snacks			
15:45	End of Conference			

virtual presentation