



ECO-MOBILITY 2020 Virtual Live Event

19. November 2020

A3PS ●●●●
Rethinking Propulsion.
Tech Gate Vienna
Donau-City-Straße 1, 1220

Sustainable Propulsion – from Research to Road Efficient Propulsion Concepts and Sustainable Energy Carriers

09:30	Opening	Michael Nöst, Conference Chair Hanno Miorini, Chairman of Board	Opening & Introduction	Christian Clerici, Conference's Moderator	A3PS - Austrian Association for Advanced Propulsion Systems
09:40		Andreas Dorda, Deputy Head	Welcome Address		Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology
09:50	Session 1: Fuel Cell Electric Vehicle	Chair: Alexander Trattner, HyCentA			
		Ewald Wahlmüller	Fuel Cell Technology for Heavy Duty Applications Made in Austria		EiringKlinger
		Stefan Jakubek	Control Strategy for Predictive Energy Management of a Fuel Cell Truck		TU Wien
		Nigel Foxhall	HySnow - A turnkey solution towards zero emission winter tourism		BRP Rotax
11:10	Session 2: Battery Electric Vehicle	Chair: Andreas Eilenberger, MIBA			
		Ralf Mittermayr	Li-Ion Traction Batteries Recycling		Saubermacher Dienstleistungs AG
		Martin Wilkening	All-solid-state batteries for diverse applications		TU Graz
		Alois Steiner	Vehicle Architectures and Innovations from the H2020 Projects SYS2WHEEL and ADVICE		Virtual Vehicle
12:20	Lunch				
13:00	Keynote	Chair: Hanno Miorini, A3PS			
		George Crabtree	New Materials for Next Generation Designer Batteries		JCESR / Argonne National Laboratory
13:40	Session 3: Hybrids and Fuels	Chair: Peter Prenninger, AVL			
		Christian Bauer	Carbon Capture and Storage and it's role in sustainable transport – the life cycle perspective		Paul Scherrer Institut
		Gerfried Jungmeier	The most Climate-Friendly Propulsion with Renewable Fuel - Biofuel, Electricity, Hydrogen or e-Fuels in Passenger Vehicles and Buses		Joanneum Research
		Dina Bacovsky	The role of advanced renewable transport fuels for Transport Decarbonisation		BEST - Bioenergy and Sustainable Technologies
		Richard Schauerperl	Power to X with High Temperature Electrolysis		AVL
15:00	Session 4: Advanced Vehicle Concepts	Chair: Bernhard Brandstätter, Virtual Vehicle			
		Michael-Dieter Ulbrich	Upscaling of green hydrogen for mobility and industry – UpHy		OMV
		Claudiu Vasiu	Thermal management system in BEVs		Magna
		Michael Stolz	How close are we to self-driving? - state of the art 2020		Virtual Vehicle
		Dragan Simic	QUIET - QUalifying and Implementing a user-centric designed and Efficient electric vehicle		AIT
16:10	Coffee Break				
16:20	Plenary Discussion	Topic: Sustainable Propulsion - from Research to Road Moderation: Christian Clerici			
		Guests		Virtual Guests	
		Theresia Vogel	Klima und Energiefonds	Jette Krause	JRC (EC)
		Andreas Kuhn	ANDATA	Marta Yugo	CONCAWE
		Michael-Dieter Ulbrich	OMV	Christian Bauer	Paul Scherrer Institut
		Christian Chimani	AIT, Deputy Chairman of the A3PS Executive Board	Daniel Watzenig	Virtual Vehicle
	Roland Hintringer	MIBA, Member of the A3PS Executive Board			
17:20		Michael Nöst, Hanno Miorini	Closing Remarks		A3PS - Austrian Association for Advanced Propulsion Systems
17:30	End of Conference				

Notice: Virtual speakers are marked with the screen icon