

Future Propulsion Systems: different regions - different strategies - different solutions

12 - 13 November 2018, Vienna

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



1st Conference Day: 12 Nov 2018

09:00	Registration			
09:30	Wolfgang Kriegler	Introduction	A3PS	
	Andreas Dorda	Welcome Address	Ministry for Transport, Innovation and Technology, Austria	
Keynotes Session	Chair: Wolfgang Kriegler			
	Lijun Zhang	China's strategy towards a sustainable mobility	Tongji University, China	
	Gereon Meyer	European Roadmaps and Strategies for Future Mobility	VDI/VDE Innovation + Technik GmbH	
	Marcelo A. L. Alves	The future of transport systems: approaches in South America	Universidade de Sao Paulo, Brazil	
	Lunch			
12:00	Chair: Manfred Schrödl			
Session 1: Battery Electric Vehicles	13:30	Marcus Jahn	Battery Cell Innovation – From test tube to industrial production	AIT - Austrian Institute of Technology GmbH
		Gerfried Jungmeier	Towards Green Batteries - LCA of Automotive Battery Systems	JOANNEUM RESEARCH Forschungsgesellschaft mbH
		Gerrit Stumpe	Designing and demonstrating an electric road system for efficient and sustainable road freight	Siemens Mobility GmbH
		Horst Mooshandel	E-Mobility at Austrian Post AG – experiences and insights	Österreichische Post AG
		Thomas Kienberger	Effects of future e-mobility applications on the energy supply system	Montanuniversität Leoben /EVT
15:30	Coffee Break			
	Exhibition & Posters			
Session 2: Combustion Engines, Fuels	16:30	Chair: Peter Prenninger		
		Christina Granitz	Application of Electric Water Pumps on a Heavy-Duty Diesel Engine	TU Graz /IVT (Prof. Eichseder)
		Oliver Kröcher	The potential role of electrofuels in a decarbonizing energy sector - learnings from the IEA Workshop on 9 Sept 2018	Paul Scherrer Institute
		Henrik Dhejne	eMPROVE: dedicated hybrid transmission for high-volume production	AVL LIST GmbH
	Andreas Kufferath	Future of Diesel: Lower Emission - Lower Fuel Consumption - Realized with affordable Technology	Robert Bosch GmbH	
18:30	Break			
19:00	Social Evening			
22:00	End of 1st Conference Day			

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2nd Conference Day: 13 Nov 2018

09:00	Keynotes Session	Chair: Wolfgang Kriegler	
		Ann Schlenker	Efficiency Matters for Mobility: Future propulsion and transport systems – a U.S. perspective Argonne National Laboratory, USA
		Jörg Wind	Daimler's perspective on alternative propulsion systems and the new GCL F-CELL Daimler AG
10:30	Coffee Break		
11:00	Session 3: Fuel Cell Vehicles, Hydrogen	Chair: Alexander Trattner	
		Nikolas Iwan	H2 MOBILITY Deutschland - Building a country wide hydrogen refueling infrastructure H2 MOBILITY Deutschland GmbH
		Falko Berg	PEM Fuel Cell Powertrain – which application makes sense – a study AVL LIST GmbH
		Patrick Pertl	Fuel Cells in Individual and Heavy-Duty Mobility – Potential and Examples HYCENTA RESEARCH GmbH
12:30	Lunch Break		
	Session 4: Automated Driving	Chair: Michael Nöst	
13:30		Michael Paulweber	Validation Process for Automated Driving AVL LIST GmbH
		Andreas Kuhn	Traffic and energy efficiency of platooning: "Connecting Austria" - Austrian lead project for automated driving ANDATA
		Andreas Eckel	Future Mobility Approaches and Required Developments for On-board Networks and ADAS Computers TTTech Computertechnik AG
		Daniel Watzenig	Overview about Activities regarding Automated and Connected Driving in Austria TU Graz /IRT, VIRTUAL VEHICLE
15:00	Coffee Break		
15:30	Plenary Discussion	Walter Böhme (Moderation)	Marcelo Alves , Universidade de Sao Paulo, Brasil Nikolas Iwan , H2 MOBILITY Deutschland GmbH Ann Schlenker , Argonne National Laboratory, USA Jörg Wind , Daimler AG Lijun Zhang , Tongji University, China
16:30		Closing Remarks	
	Farewell Drinks and Snacks		
17:30	End of Conference		