

## Diverse Powertrain Concepts for a carbon-neutral future

14 - 15 November 2019, Vienna  
 GIRONCOLI-Kristall | STRABAG Art Forum  
 Donau-City-Straße 9, 1220 Vienna, Austria



1 <sup>st</sup> Conference Day: 14 Nov 2019			
09:00	Registration		
09:30	Opening	Michael <b>Nöst</b> : Introduction	
09:35		Andreas <b>Reichhardt</b> (Federal Minister)	Ministry for Transport, Innovation and Technology, Austria
		Andreas <b>Dorda</b>	Welcome Address
09:50	Keynotes	Chair: Hanno <b>Miorini</b>	
09:55		Christof <b>Schernus</b>	The E-VOLVE Cluster of EU H2020 Projects – Innovative Electric Vehicles and Components
10:35		Jin-Woo <b>Ahn</b>	R&D and market trends in Korean EV industry
11:15		Gorazd <b>Lampic</b>	Can in-wheel powertrains reduce the cost of EVs?
12:00	Lunch		
13:30	Session 1: Advanced Combustion Engines & Fuels	Chair: Peter <b>Prenninger</b>	
13:35		Harald <b>Naunheimer</b>	Powertrain transformation - CO2 reduction meets fun-to-drive
14:00		Josef <b>Ratzinger</b>	Electrified drivetrains for non road machinery
14:25		Bernhard <b>Lechner</b>	On road emissions of NH3, NO and NO2 of Euro 6c and Euro 6dtemp vehicles
14:50		Bernhard <b>Brandstätter</b>	Hybridisation efforts within EU project ADVICE: high efficiency, low cost
15:15	Coffee Break Exhibition & Posters		
16:15	Session 2: Battery Electric Vehicles	Chair: Andreas <b>Eilenberger</b>	
16:20		Martin <b>Gossar</b>	eCULT - a lightweight and affordable 48V urban vehicle
16:45		Thomas <b>Bruckmüller</b>	Charging infrastructure for electric vehicles: demand, cost and impact on the energy supply in Austria by 2030
17:10		Gernot <b>Kraberger</b>	Trends and future technologies for xEV: the perspective of the battery system
17:35		Roland <b>Pomberger</b>	Li-Ion-battery recycling - from research idea to industrial plant solution
18:00	Break		
18:30	Social Evening		
22:00	End of 1st Conference Day		

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### 2<sup>nd</sup> Conference Day: 15 Nov 2019

09:00	Keynotes	Chair: Michael <b>Nöst</b>		
09:05		Roland <b>Fortenbach</b>	Powerfuels: A necessary contribution to CO <sub>2</sub> -free mobility	Bosch
09:45	Session 3: Fuel Cell Vehicles, Hydrogen	Chair: Alexander <b>Trattner</b>		
09:50		Jürgen <b>Rechberger</b>	Advanced fuel cell systems for transport applications	AVL
10:15		Patrick <b>Pertl</b>	Well-to-Wheel potentials of H <sub>2</sub> -mobility	HyCentA
10:40		Horst <b>Steinmüller</b>	WIVA P&G Energy model region	WIVA P&G, JKU Linz
11:05		Sebastian <b>Bock</b>	HyStORM - sustainable, decentralized hydrogen generation and storage	TU Graz (CEET)
11:30	Lunch Break			
12:30	Session 4: Advanced Vehicle Concepts	Chair: Bernhard <b>Brandstätter</b>		
12:35		Christian <b>Chimani</b>	Wire based additive manufacturing of Al- and Mg-based light weight components	AIT
13:00		Dominik <b>Radler</b>	Cooperative cooling systems for sustainable & emission-free temperature-controlled city logistics	PRODUCTBLOKS
13:25		Gerrit <b>Stumpe</b>	Catenary electrification of heavy road freight: a rationale and a path forward	Siemens Mobility
13:50	Michael <b>Friedmann</b>	Engineered for the future – the Concept Fire Truck	Rosenbauer	
14:15	Coffee Break			
14:30	Plenary Discussion	Moderation: Walter <b>Böhme</b>	Jin-Woo <b>Ahn</b> (Kyungsung University) Stefan <b>Deix</b> (EUCAR) Andreas <b>Dorda</b> (BMVIT) Christof <b>Schernus</b> (EARPA, FEV)	
15:30	Closing Remarks			
	Farewell Drinks and Snacks			
16:15	End of Conference			