








Eco-Mobility 2025^{plus}

R&D-challenges on the way to 95 g CO₂/km and lower







*A3PS-Conference on
Advanced Thermodynamic and Electric Power Trains, Automated Vehicles
as well as Renewable Energy Carriers*

1st Conference Day

09:30	Welcome	Chair of Session: Wolfgang Kriegler		
		Welcome by A3PS		
		Andreas Dorda	Welcome Address Ministry for Transport, Innovation and Technology	
09:45		Wolfgang Kriegler	Eco-Mobility 2025 ^{plus} - Technologies for 75 g CO ₂ /km in 2025	
10:00		Liam Breslin	Research Strategy and R&D Funding Activities of DG Research & Innovation	
10:30		Coffee Break		
11:00	Keynote Session	Gereon Meyer	European Green Vehicles Initiative PPP – Approach, Impact and Future Outlook	
11:30		Petter Haugneland	Norway's Policy on Electric Vehicles	
12:00		Johannes Töpler	Hydrogen and Fuel Cell Technologies: Elements of a sustainable Energy Economy	
12:30		Lunch		
14:00	Advanced Thermodynamic Power Train Technologies	Chair: Walter Böhme		
		Peter Prenninger	Efficiency Towards 50% and Emissions Towards Zero: Future ICE Technology	
14:20		Helmut Eichseder	Dual Fuel Combustion – an Applicable Technology for Mobile Application?	
14:40		Thomas Hofherr	Potential of CNG-Direct-Injection for Downsizing Engine Concepts	
15:00		Nigel Foxhall	Potential of Different Injection Systems for High Performance Two Stroke Engines	
15:30		Coffee Break		
16:00	Renewable Fuels	Chair: Ewald Wahlmüller		
		Walter Böhme	Research Project "wind2hydrogen" Pilot Plant to Generate Hydrogen from Renewables	
16:20		Manfred Klell	HyCentA – 10 Years of Hydrogen Success Story	
16:40		Viktor Hacker	Developments in Hydrogen Production and Storage Technologies	
17:00		Dina Bacovsky	Sustainability versus Cost - The Perfect Future Energy Carrier	
17:20		Ernst Fleischhacker	Hydrogen Mobility in the Green Corridor Project to advance Technology Competition in Central Europe	
17:45		End of 1 st Conference Day		

Social Evening - Sky Stage

2nd Conference Day

		Chair of Session: Wolfgang Kriegler		
09:00	Keynote Session	Andy Fuchs	On the Road to a Sustainable Mobility	TOYOTA
09:30		Uwe Maier	Components for Electric Energy Storage and Fuel Cell Systems from ElringKlinger	elringklinger
10:00		Rajesh Ahluwalia	Fuel Cell Activities in the U.S.	
10:30		Coffee Break		
11:00	Plenary Session	Jürgen Stockmar (Moderation)	Rajesh Ahluwalia / Andreas Dorda / Andy Fuchs Petter Haugneland / Uwe Maier Gereon Meyer / Johannes Töpler	Plenary Discussion
12:00			Lunch	
		Chair: Manfred Schrödl		
13:30	Electric Power Train Technologies	Alessandro Zanon	Cooling Concept Design Aided by Numerical Simulations of Air Cooled Electric Drive	AIT AUSTRIAN INSTITUTE OF TECHNOLOGY
13:50		Michael Nöst	Results of the e.-Mobility Lighthouse Project VECEPT and outlook on eMPROVE	AVL  IESTA
14:10		Markus Schermann	Highly Integrated Electric Drive Systems	MAGNA
14:30		Werner Rom	Modular electrified powertrains for future urban L-category vehicles (EU-LIVE)	virtual vehicle
14:50		Patricia Handel	Future Trends, Challenges and Development Issues at the System Level of Lithium-Ion Cells/Battery Packs	SAMSUNG SDI 
15:15		Coffee Break		
		Chair: Werner Rom		
16:00	Advanced Power Train Integration Technologies	Hanno Miorini	Man or Machine – The Path to Zero Accident Driving	 BOSCH
16:20		Andreas Eckel	Central Platform ECU for Advanced Driver Assistance Systems	TItech
16:40		Peter Hrasnig	Management of Dynamic Traffic Data and Connectivity into Vehicles	ASFiNAG
17:00		Andreas Kuhn	VERONET: A Framework for Self-Organized Traffic Control including Connected and Autonomous Driving	AN DATA
17:20		Bernhard Grosswindhager	The Potential of Cooperative Systems for Automated Driving and Safer Mobility in Urban Areas	MAGNA
17:40		Life Cycle Assessment		
		Gerfried Jungmeier	Is LCA killing the Electric Car? – Results of an IEA-Task on Hybrid&Electric Vehicles	 JOANNEUM RESEARCH 
18:00		End of Conference		

Farewell Event - with drinks and snacks