



AVL 

12TH RESEARCH NETWORKING DAY 2024

October 24th, 2024 – Schloss Seggau



Organization: AVL ITS Research & Technology Management

Date: October 24th, 2024

Time: 9:00 am – 5:30 pm

Venue: Schloss Seggau, Seggauberg 1, 8430 Leibnitz

For more Information contact:

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Research Networking Day 2024

AGENDA



Time	Topic	Lecturer	Institute
09:00 – 09:10	Opening	Andreas Klug	AVL Dir. R&T ITS
09:10 – 09:30	Intro: Software Defined Vehicle of the Future	A. Klug, P. Priller, G. Vitale Max Lemke – Online	AVL European Commission
09:30 – 10:00	The European Vehicle of the Future Initiative: Strengthening Competitive-ness of our Automotive Industry	Max Lemke - Online	European Commission
EXHIBITION PITCH - SESSION 1			
10:00 – 10:40	A: Vehicle as a Test Environment (IRON2, CORVETTE2, AI-Percept, ADASSense)	Peter Priller Leander Hörmann Daniel Kraus	AVL LCM Pro2Future
	B: Cognitive Methods for ADAS Search Space Reduction (AIDOaRt)	Gerald Stieglbauer Cristinel Mateis / Benjamin Rainer	AVL AIT
	C: Generative AI for Adverse Weather Augmentation (AISee)	Darko Stern Janez Perš	AVL University of Ljubljana
	D: Automated Cybersecurity Testing (FAUST)	Stefan Marksteiner Sebastian Fischmeister (Online)	AVL University of Waterloo
10:40 – 11:15	EXHIBITION – SESSION 1		
11:15 – 11:45	COFFEE BREAK & NETWORKING		
11:45 – 12:15	Scenario Based Testing of Autonomous Driving Functions with Vehicle- and Human-in-the-Loop Technologies	Steffen Müller	TU Berlin
12:15 – 12:45	Making Sense of Large Networks	Christian Böhm	University of Vienna
12:45 – 14:00	LUNCH BREAK		
14:00 – 14:30	AI for Industry: Federated, Sustainable and Human-centered	Alois Ferscha	Johannes Kepler University Linz
EXHIBITION PITCH - SESSION 2			
14:30 – 15:10	E: Advanced Sensing for Battery Development and Testing (SAL_eMobilitySense, NextBMS, AVL Creators Expedition)	Bernhard Stanje Hansjörg Kapeller	AVL AIT
	F: Battery Diagnostics for fast Lifetime Assessment (CDL Wegleiter)	Andreas Klug Hannes Wegleiter / Daniel Schürholz	AVL TU Graz
	G: Sensor Fusion for Fuel Cells and Electrolysers (ECO-FCEV, eMobilitySens)	Markus Reiter / Johannes Lackner Gerald Auböck / Willibald Krenn	AVL SAL
	H: Advanced Thermal Management and Current Measurement enabled by 3D Printing (MADE-3D)	Stefan Karanovic Christopher Singer	AVL Fraunhofer
15:10 – 15:45	EXHIBITION – SESSION 2		
15:45 – 16:15	COFFEE BREAK & NETWORKING		
16:15 – 16:45	Diagnosis of Hydrogen Technologies - From Labs to Industrial Applications	Cesare Pianese / Pierpaolo Polverino	University of Salerno
16:45 – 17:15	Battery Technology – From Test Tube to Industrial Scale	Marcus Jahn	AIT
17:15 – 17:30	Summary and Closure	Andreas Klug	AVL Dir. R&T ITS