

Trends and Drivers Shaping the Future of Mobility

CONGRESSHALL

08:30 Morning coffee and exhibition visit

09:00 Moderator's Introduction

Dr. Sigma Dolins, Industrial PhD and Researcher in Mobility Transformation, RISE Research Institutes of Sweden
Hans Arby, Senior Researcher, Member of Gothenburg City Council, Senior Adviser Arthur. D.Little, RISE

09:10 Strategic Presentation: Overview of the SDV Landscape and Roadmap for 2026 and Beyond

Augustin Friedel, Associated Partner, MHP a Porsche Company, Germany

09:40 Deep Diving in SPA3: Volvo Cars Superset Tech Stack for Hardware and Software for Future Products

Alwin Bakkenes, Head of Software Engineering, Volvo Cars

10:10 Discover the Future of AI-Defined Mobility

Norm Marks, Vice President Automotive Enterprise, NVIDIA, U.S.A

10:40 Networking break and exhibition visit

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SCAN ME



CONGRESS HALL

Track 1 – Software & Connectivity – Tech Challenges & Solutions**ENABLING SMART VEHICLES WITH SOFTWARE & CONNECTIVITY****11:20 Moderators' Introduction**

Augustin Friedel, Associated Partner, MHP a Porsche Company, Germany

11:30 The Crisis in Automotive Software Architecting and the Way Out

Vard Antinyan, Technology and Strategy Leader, Volvo Group

12:00 Networking lunch break and exhibition visit**13:30 The Software-Defined Vehicles Paradigm is Shifting Gears in the Commercial Vehicles Industry:**

Dr. Mathias Larsson Carlander, Strategy Officer, EE Areas Strategy & Change, TRATON Group R&D

14:10 Accelerate Product Development with Software and Hardware Model Pipelines

Wensi Jin, Global Manager Automotive, MathWorks, U.S.A
Lars Rosqvist, Engineering Manager Automotive, MathWorks

14:40 Paving the Digital Highways of the Software-Defined Vehicle with E2B and GMSL

Niall O'Connell, Senior Principal Engineer – Automotive, Analog Devices, Ireland

15:00 Beyond Warranties and Recalls: Detecting Quality Issues Pre-Claims

Arnon Shafir, VP, Automotive Data Intelligence, Upstream Security

15:20 Networking break and exhibition visit**16:00 Hardware Roots, Software Wings: Harmonizing Dual Mindsets in the Evolving Automotive Industry**

Anya Ernest, People Manager, Polestar Connected Services & President of the Board, Women in Tech Gothenburg
Alexandra Kloß, Technical Product Owner Instrument Cluster, BMW Group, Germany

16:30 From Static Twins to Agentic Simulation: Turning Weeks into Minutes in Automotive Operations

Fredrik Magnusson, Head of Product and Services, Epicz lab

17:00 Moderator's closing remarks**17:10 Networking Mingle**

E4

Track 2 – Low Cost & Efficiency – Tech Challenges & Solutions**ENABLING SMART VEHICLES WITH LOW COST & EFFICIENCY****11:20 Moderators' Introduction**

Dr. Ingo Stürmer, CTO & Head of Technology, Volvo Autonomous Solutions

11:30 From Pilot to Production: Scaling Autonomy to Industrial Reality – What It Actually Takes

Dr. Ingo Stürmer, CTO & Head of Technology, Volvo Autonomous Solutions

12:00 Networking lunch break and exhibition visit**13:30 Test automation Is So Much More Than Test Cases**

Dr. Torvald Mårtensson, Technical Fellow within System Integration Testing, Saab Aeronautics & Associate Professor of Software Engineering, Linköping University

14:00 The Automotive Industry's Shift Toward Centralized E/E Architectures

Vivek Poovalingam, Solutions Architect, Thoughtworks
Harald Walter, Principal Consultant and Developer, Thoughtworks

14:30 Networking break and exhibition visit**15:10 Testing Automated Vehicles: Infrastructure-Driven Insights from the Frontline**

Fredrik Åkeson, CPO, AstaZero
Håkan Andersson, Director, Testing, AstaZero

Panel Discussion**16:00 Shaping the Future of Mobility – From Software-Enabled Powertrains to Software-Defined Trucks**

Maverson Rosa, Enterprise Architecture & Tech – Digital Engineering, Volvo Group
Digital Technology & Operations
Henrik Eigert, CIO, Aurobay
Deodatt Bawachkar, Head of Digital Design Practice, ERS, Europe, HCLTech

16:20 Code Rot at Machine Speed: Preventing AI-Induced Technical Debt in Automotive Software

Markus Borg, Senior Lecturer at Lund University and Principal Researcher, CodeScene

17:00 Moderator's closing remarks**17:10 Networking Mingle**

E1+E2+E3

Track 3 – Winning Strategies – AI & Innovation to Accelerate the Mobility Ecosystem**AUTOMOTIVE SECTOR MEETING A DISRUPTIVE LANDSCAPE****11:20 Moderators' Introduction**

Dr. Sigma Dolins, Industrial PhD and Researcher in Mobility Transformation, RISE Mobility and Systems

11:30 Developing Physical AI: With a Little Help from Our Friends – How collaboration with start-ups and universities accelerates innovation

Erik Coelingh, CTO, Zenseact

12:00 Networking lunch break and exhibition visit**13:30 QuantumNorthzone: A Nordic Collaboration and Industry Quantum Powerhouse to Strengthen our Industrial and Regional Competitiveness, Today and Tomorrow!**

Mikael Rönholm, Director Emerging Technologies, Volvo Group

14:10 Digital Engineering: Virtual, Connected, Accelerated

Dr. Olaf Kath, VP Product, Synopsys, Germany

14:40 Eclipse S-CORE – How OSS is driving Open Innovation in Automotive

Markus Menze, Global Sales Manager S-CORE, Etas

15:00 Networking break and exhibition visit**15:40 Accelerating SDV through AI and Strategic Collaboration**

Julio Leyva, T&M Industry Solution Experience Senior Manager, Dassault Systèmes, France

16:00 The Frontier of Autonomous Driving – A Global Perspective

Daniel Langkilde, Co-founder & CEO, Kognic

16:30 The Future of Mobility – Whether It's on the Road or in the Air

Sven De Smet, Head of Brand & Marketing, XPENG Europe

17:00 Moderator's closing remarks**17:10 Networking Mingle**