

#### DAY 1 Keynote Sessions and Strategic Debates



#### TRENDS AND DRIVERS SHAPING THE FUTURE OF MOBILITY



08:30 Morning coffee and exhibition visit

#### 09:00 Moderator's Introduction

Kent Eric Lång, Senior Project Manager, RISE Research Institutes of Sweden Sigma Dolins, Researcher, RISE Research Institutes of Sweden

#### **KEYNOTE**

#### 09:10 How Can OEMs Keep Pace with Automotive Disruptors?

Michel Annink, Managing Director, Hampleton Partners

#### **KEYNOTE**

#### 09:40 View on Digital Customer Experience and Transformation in the Automotive Industry

Dr. Carsten Oder, Vice President Digital Business, Mercedes-Benz, Germany

#### **KEYNOTE**

#### 10:10 Autonomous Mobility Solutions by VW Making Cities more Livable

Christian Rosen, Head of Business Development MaaS & TaaS, Volkswagen Commercial Vehicles, Germany

#### 10:40 Networking break and exhibition visit

#### **KEYNOTE**

#### 11:20 Software to Deliver Personal, Sustainable and Safe Mobility

Alwin Bakkenes, Head of Software Engineering, Volvo Cars

#### PANEL DISCUSSION & INTERACTIVE AUDIENCE Q&A SESSION

#### 11:50 Innovative New Ways to Transport People around Urban and Rural Areas

Moderator: Charlotte Eisner, Head of Business Development, Zeekr Technology Europe

Panelists:

Christian Rosen, Head of Business Development MaaS & TaaS, Volkswagen Commercial Vehicles, Germany Johanna Salomonsson Lind, SVP Head of People Transport, Scania Group Lars Himmer, CEO, Holo, Denmark

#### 12:30 Networking lunch break and exhibition visit



TRACK 1 - TECHNICAL CHALLENGES & SOLUTIONS CONGRESSHALL	TRACK 2 – A MOBILITY SECTOR MEETING A DISRUPTIVE LANDSCAPE E1+E2+E3		
TECHNOLOGIES ENABLING MOBILITY TRANSFORMATION	WINNING STRATEGIES IN THE NEW AUTONOMOUS, CONNECTED & ELECTRIC LANDSCAPE		
KEYNOTE			
14:00 The Einride Strategy for Development and Deployment of Autonomous Electric Technologies for Freight	KEYNOTE 14.00 A Global Perspective on Development of Robotaxis		
Henrik Green, General Manager Autonomous Technology, Einride	Andreas Reschka, Senior Director Of Product, Systems, and Safety, Pony.ai, U.S.A.		
14:30 Enhancing Cybersecurity Compliance and Workflow Efficiency	14:40 Security Challenges for the Next Generation of Vehicle Computers		
Martin Becker, Principal Application Engineer, MathWorks, Germany Lars Rosqvist, Engineering Manager, MathWorks	Dr. Max Hoffmann, Senior Security Architect, Etas, Germany		
KEYNOTE	15:00 Networking break and exhibition visit		
15:00 Fireside Chat with Annie Lien	PANEL DISCUSSION & INTERACTIVE		
Annie Lien, Industry Advisor, U.S.A.	AUDIENCE Q&A SESSION 15:40 The Mobility Ecosystem Evolution		
KEYNOTE	Happening in Asia, U.S. etc. – What Can Europe Learn?		
15:20 From Racetrack to Road – How Learnings from Formula E Benefit Electrification at Porsche	Kjell-Arne Wold, Director of Business Development, Human Horizon, Germany Andreas Reschka, Senior Director Of Product, Systems,		
Leonard Mengoni, Development Engineer High Voltage Powertrains, Porsche, Germany	And Safety, Pony.ai, U.S.A. Karolina Bjurehed, Investment Director, Industrifonden Michel Annink, Managing Director, Hampleton Partners		
15:50 Networking break and exhibition visit	16:20 Software Defined Experiences and		
16:30 How to make ADAS and AD Testing Seamlessly	Virtual Twins: Bridging the gap between physical and digital vehicle development		
David Mear, Global Business Development Manager ADAS & Autonomous, Hexagon, France	Julio Leyva, T&M Industry Solutions Experience Senior Manager, Dassault Systèmes, France		
16:50 How can Startups and Corporates Collaborate to Drive Innovation at Scale?	KEYNOTE		
Vishnu Rajanikanth, Head of CampX concept, CampX by Volvo Group	16:40 The Era of BEV-Bonanza – What Will it Take to Succeed?		
Nils Sahlberg, Vice President, Head of Strategy and Business Development, Stream Analyze	Kjell-Arne Wold, Director of Business Development, Human Horizon, Germany		
17:30 Networking Mingle	17:20 Networking Mingle		

## VECS

### DAY 2 In Depth Specialist Sessions

# 2024

TRACK A - ELECTRONICS & ARCHITECTURE A NEW ARCHITECHTURE FOR THE SOFTWARE DEFINED VEHICLE CONGRESSHALL 08:30 Morning coffee and exhibition visit	TRACK B – AUTONOMOUS VEHICLES & ACTIVE SAFETY LAYING THE ROAD FOR SAFE AUTONOMOUS VEHICLES 08:30 Morning coffee and exhibition visit	TRACK C – TESTING & VALIDATION DEVELOPING TESTING METHODS IN COMPLEX AUTOMOTIVE SYSTEMS 08:30 Morning coffee and exhibition visit	
<b>09:00 Moderator's Introduction</b> Miroslaw Staron, Professor, Chalmers University of Technology and University of Gothenburg	<b>09:00 Moderator's Introduction</b> Dr. Håkan Sivencrona, Senior Technical Leader – Safety, Volvo	09:00 Moderator's Introduction Peter Janevik, CEO, AstaZero	
KEYNOTE 09:10 Digital Evolution in the Automobile Industry Mark Gerban, Senior OEM Digital & Payments Expert, Germany	Cars KEYNOTE 09:10 The <del>Battle</del> Collaboration between ADAS Business & Engineering in Volvo Cars	KEYNOTE 09:10 How to Verify Autonomous Solutions – Ensuring Safety through Quick and Efficient Pipeline Magnus Nilsson, Head of Safety & Technical Compliance, Volvo Autonomous Solutions	
KEYNOTE 09:50 Holistic Development Process for Software, Hardware and Mechanics DrIng. Peter Fietkau, Manager Drive System Electronics,	Tove Andersson, Director Advanced Driver Assistance Systems, Volvo Cars	KEYNOTE 09:50 Speeding Up Testing & Validation with ML &	
Porsche, Germany 10:25 Electric Vehicle Wireless Battery Management	O9:45 The Path to Safe and Profitable L4 – Pony's Approach Andreas Reschka, Senior Director Of Product, Systems, and	Al at Scania Autonomous Vijay Jayaraman, Machine Learning Engineer Validation and Verification (V&V), Scania	
Revolution Shane O'Mahony, Marketing Director, Automotive Technology Group, Analog Devices, Ireland	Safety, Pony.ai, U.S.A.	10:30 Networking break and exhibition visit	
10:50 Networking break and exhibition visit	10:20 Smart Data Usage Leading to Smart AV Design Verification – Critical Scenarios & Recorded	11:00 Practical Challenges in Testing SOME/IP – Need for Scalable and Programmable Test	
11:20 Developing AI-based ADAS Software in an Age of Rapid AI Evolution Erik Rosén, Chief Architect, Zenseact	Data Robin van der Made, Director Product Management AV, Siemens Digital Industries Software, The Netherlands	Engineering Samir Bhagwat, Director of Quality Assurance, Intrepid Control Systems Inc., U.S.A	
11:50 SDV: Opportunities and Challenges for Commercial Vehicles	10:40 Networking break and exhibition visit	11:25 Simulation for AD – Escape from Reality Alejandro Morate, Director Autonomous Drive, CEVT	
Harikrishnan Radhakrishnan, System Architect, Scania Group	11:10 Autonomous Hauling System Implementation in the Boliden Aitik Mine	12:00 Networking lunch break and exhibition visit	
12:20 Networking lunch break and exhibition visit	Rikard Mäki, Manager Autonomous Hauling Project Department (AHS Project), Boliden	13:00 Why is Everything an Int? Dr. Andrew Teylu, Research Manager, Software Verification,	
13:20 Virtualization for Safety Critical Real-Time Embedded Computing Dr. Stephan C. Stilkerich, Lead Principal Software Concepts,	11:45 Intelligent Autonomous Transport Systems: Technology Enablers from a Control Center Perspective	Vector, U.K.	
Computation, Infineon, Germany 13:40 Embedded Live Interactive Analytics in	Andreas Höglund, Senior Engineering Manager, Autonomous Transport Systems, Scania R&D	13:25 Incorporating Al into Effective Automotive Software Testing and Software Development	
Automotive Erik Zeitler, Software Engineer and Co-founder, Stream Analyze	12:20 Networking lunch break and exhibition visit	Sabina Edenlund, Technical Specialist – Test Driven Development, Volvo Cars	
14:10 The Road to SDV – How Architectures Lead the Way	13:20 Leveraging Autonomous Driving and Sensor Infrastructure for Operational Efficiency in Plants, Depots and Logistics Yards	14:00 Accelerating the release of software deploy- ment through vehicle virtualization Padma Sundaram, Automotive Technology and Engineering	
Dr. Lars Völker, Technical Fellow and Head of Media Relations, Technica Engineering, Germany	Niclas Österling, Managing Director, Unikie Sweden	Practice Head, HCLTech, U.S.A Jan Mrochen, Technical Team Lead, Software Development	
14:30 Networking break and exhibition visit	13:40 Capturing Intuition for Autonomous Vehicle Safety	Department for Virtual Validation and CI/CD, ASAP Group, Germany	
PANEL DISCUSSION & INTERACTIVE AUDIENCE Q&A SESSION	Vivetha Joshna Natterjee, AD Safety Specialist, CEVT	14:20 Networking break and exhibition visit	
15:00 Customer Experience Compared to What Engineers Think the Customers Want and Need	14:25 Strategic Insights into the Intersection of Autonomous Vehicles and Active Safety Peter Ivanov, Managing Director of the Automotive/Mobility Unit,	PANEL DISCUSSION & INTERACTIVE AUDIENCE Q&A SESSION	
Moderator: Anya Ernest, Exploration Lead, Polestar	Valtech, Qualified Member of Netgroup 14:45 Networking break and exhibition visit	14:50 Autonomous Vehicle Testing & Validation Sabina Edenlund, Technical leader – Test Driven Development, Volvo Cars	
Panelists: Mark Gerban, Senior OEM Digital & Payments Expert, Germany Christian Duny Lond Columna Ambients Ministrations	PANEL DISCUSSION & INTERACTIVE	Vijay Jayaraman, Machine Learning Engineer Validation and Verification (V&V), Scania	
Christina Rux, Lead Solution Architect, WirelessCar Helena Strahl, Digital Management Consultant, Waye Digital Prof. Dr. Joachim Schlosser, Senior Manager, Elektrobit, Germany	AUDIENCE Q&A SESSION 15:15 Bridging the Gap from "Almost there" to	Timo Kero, CTO, AstaZero           Vitali Anselum, Principal Business Development Manager,           ADAS (AD, NI)	
15:40 Open Source Strategies and Opportunities	"Done"	Energy Solutions, Keysight, U.K.	
Johan Thelin, Embedded Systems and Open Source specialist Robin Vestin Larsson, Technical Product Manager, WirelessCar	Tove Andersson, Director Advanced Driver Assistance Systems, Volvo Cars Niels Berger, Product Owner Emergency Trajectory Planning and Decision Making, Zenseact	15:30 From Simulation to Physical Testing of AD vehicles Timo Kero, CTO, AstaZero	
16:10 Moderator's closing remarks and close of conference	Andreas Reschka, Senior Director Of Product, Systems, and Safety, Pony.ai, U.S.A.	16:05 Customer Requirement Driven Digitalized	
	15:55 SoTIF and Time – Designing and Validating a Safe ADAS system	Product Development Lars Forsman, Senior Expert Verification & Validation, Volvo Group Trucks Technology	
	Andrew Backhouse, Technical Specialist Collision-Avoidance Threat-Assessment, Volvo Cars	16:40 Moderator's closing remarks and close of conference	
	16:35 Moderator's closing remarks and close of conference		

## **VECS**

VECS	DAY In Depth Specia		2024
TRACK D – ELECTRIFICATION CHALLENGES, DEVELOPMENT AND IMPLEMENTATION OF EV TECHNOLOGIES 08:30 Morning Coffee & Exhibition Visit	TRACK E – CYBERSECURITY & CONNECTIVITY DEALING WITH THE CRITICAL IMPORTANCE OF CYBERSECURITY IN CONNECTED VEHICLES 08:30 Morning Coffee & Exhibition Visit	TRACK F – SOFTWARE DEVELOPMENT & DIGITALIZATION HOW TO CREATE SPEED IN SOFTWARE DEVELOPMENT? 08:30 Morning Coffee & Exhibition Visit	TRACK G – THE BUSINESS OF TRANSPORTATION FINDING VIABLE BUSINESS MODELS AND REVENUE STREAMS IN THE NEW TRANSPORTATION ECOSYSTEM 08:30 Morning Coffee & Exhibition Visit
<b>09:00 Moderator's Introduction</b> Linda Olofsson, Director, Swedish Electromobility Centre Stefan Pettersson, CTO, IVL Swedish Environmental Research Institute	09:00 Moderator's Introduction Dr. Ana Magazinius, Information Security Officer, Polestar KEYNOTE	09:00 Moderator's Introduction Jonn Lantz, Technical Leader in Agile Software Development, Volvo Group	<b>09:00 Moderator's Introduction</b> Hans Arby, Senior Researcher, RISE Research Institutes of Sweden, 1st vice chair, Transport Board, City of Gothenburg, Senior Adviser,
KEYNOTE 09:10 Utrecht – A Pioneer in Electromo- bility and the World's First Bidirectional City	09:10 A look into the future of the cyber threat landscape for the vehicle industry – potential risks and threats Henrik Parkkinen, Cybersecurity Governance & Strategy Lead, WirelessCar	KEYNOTE 09:10 Complexity Driving Digital Transformation Needs Vard Antinyan, Software Engineering, Volvo Group	Arthur D. Little KEYNOTE 09:05 Navigating Tomorrow Together – Unleashing Innovation in Transportation through Venture-Building and Bold
Gertjan Geurts, Project Leader Smart Charging/Congestion, City of Utrecht, Project Leader SCALE (e-mobility V2G/V2X), The Netherlands	KEYNOTE 09:45 Cybersecurity in a World of Connected Vehicles Jagor Čakmak, Cybersecurity Manager, Rimac	09:55 Software Factories and Open-Source Software; two Key Pillars to Master the Development Challenges of SDV	Collaborations Jonas Wilhelmsson, Global Director Sustainable Innovation, Ericsson ONE Trond Bugge, Director of UX and Venture Growth, Ericsson ONE
KEYNOTE 09:50 Vehicle and Grid Interaction from a Car Manufacturer Point of View Robert Eriksson, Senor Technical Leader, Volvo	Technolog, Croatia 10:20 New Applications, New Features, New Challenges: how real-time works in the Software-Defined Vehicle	Ulrich Wurstbauer, Chief Technologist AD, Luxoft, Germany Harald Ruckriegel, Global Automotive Industry Lead and Chief Technologist, Red Hat, Germany	09:30 How to overcome the engine- ering challenges for an evolving transportation business by implemen- ting an End to End traceable and
Cars 10:25 Networking break and exhibition visit	Arnaud Van Den Bossche, Business Develop- ment Director, EMEA, Green Hills Software, Germany	10:20 Networking break and exhibition visit KEYNOTE	collaborative process; A showcase by Volvo Autonomous Systems Atef Ghribi, Senior Solutions Architect, Jama Software, Germany
10:55 Advancing Inverter Validation – a smooth transition from Signal Level Testing to Power Hardware-in-the-Loop Frank Puschmann, DiplIng. E-Technik (FH) Director Electromobility & Electric Drives,	10:45 Networking Break & Exhibition Visit 11:15 New Rules for Cyber Security Put Pressure on the Automotive Industry Tomas Bodeklint, Research and Business developer, RISE Research Institutes of Sweden	10:50 Continuous Integration and Devops in the Age of AI and ML – Experiences from Eight Large-Scale Companies Dr. Torvald Mårtensson, Technical Fellow, Saab	Patrik Swahn, Product Manager, Volvo Autonomous Solutions 09:55 Luvly an Urban Mobility Visionary Swedish Startup – Looking to Transform the Way We Move
dSPACE GmbH, Germany	12:00 How do we Bridge the Communi- cation Gap between Cybersecurity Experts and the Wider Connected	Aeronautics, and Associate Professor, Linköping University 11:30 Merging Waterfall and Agile in	Håkan Lutz, CEO and Founder, Luvly 10:15 Networking break and exhibition visit
11:20 From Microstructure to Macro-society: Scania Battery Journey Tiva Sharifi, Technology Leader for Electrifica- tion, R&D, Scania Group	Mobility Community? Ric Vicari, VP, EMEA, Upstream Security, U.K. 12:20 Networking lunch break and	Automotive Software Engineering: aka. How to Do More with Less Chris Fogelklou, Principal Engineer, former at Polestar	KEYNOTE 10:45 Driving Sustainability through Data and Innovation
12:10 Experiences of Electrification and Automation Collaborating in	exhibition visit 13:20 The power of Hazard Identifica- tion Across Ecosystems & Safety	12:10 Networking lunch break and exhibition visit	Peter Björk, Chief Product Manager Digital Services, Scania Group KEYNOTE
Roadbuilding         Stig Ursing, Senior Safety Expert, Semcon         12:30 Networking lunch break and	Domains – For the Benefit of Multiple Areas of the Autonomous Industry Sofie Weidenlöv, Head of Functional Safety & Cyber Security Development Center, Volvo	13:10 The Building Blocks of Vehicle DevOps Michael Fait, Head of Software Defined Vehicles, Europe, Thoughtworks, Germany	11:20 The Beauty and the Burden of Being a Small OEM Frank Smit, Vice President Vehicle Solutions, NEVS
exhibition visit 13:30 The Journey Towards Optimal Battery Management at Volvo Cars	Penta 14:05 Addressing the Complexities of Software Supply Chains for the	13:30 Modern Software Practices – and how we're Bringing them to Hardware	11:50 Networking lunch break and exhibition visit
Björn Fridholm, Technical Expert in Battery Management, Volvo Cars	Automotive Industry Tim Mackey, Head of Software Supply Chain Risk Strategy, Synopsys, U.S.A.	and Embedded Products Anders Ivarsson, VP Engineering, Voi Kiril Tzvetanov Goguev, Staff Engineer (IoT), Voi	12:50 Building Monetizable Mobility Models through Hyper-Personalized Services
14:05 Confronting Climate Change Through Advancements in EV Technologies	14:25 Networking break and exhibition visit	14:10 Future Software Development – Gathering for the Collaborative Revolution	Naresh Mehta, CTO, Manufacturing, Tata Consultancy Services (TCS), U.S.A 13:10 Traffic Regulations in the Digital
Dr. Dinh Tien Dzung, Head of Automotive Engineering Solution Center, FPT Automotive, Vietnam	PANEL DISCUSSION 15:00 On the Road to Resilience: Redefining Risk Management for	Erik Herzhauser, Solution Consultant, Bosch Engineering	Age – How We Get There Jenny Lundahl, Senior Researcher & Legal Expert, RISE Research Institutes of Sweden
14:25 How can Sweden Become a Leading Battery Nation in Europe? Claes Winzell, Business Developer, RISE Research Institutes of Sweden	Automotive Cybersecurity Gregor Knappik, Cybersecurity Solutions Architect, VicOne Manne Engelke. Cybersecurity Lead Expert,	14:30 Networking break and exhibition visit 15:00 How to Transition from a Start-up	13:40 Innovative New Ways to Transport People Around Urban and Rural Areas – Small Autonomous
14:55 Networking break and exhibition visit	System Weaver 15:00 Cybersecurity from a Hacker's	to a Scale-up when it Comes to Product Management for Software Products	Vehicles in Oslo Liisa Andersson, Project Manager, Ruter AS, Norway
Battery Regulation have for Automotive?	Point of View: how hackers work, and how being compliant does not mean you won't get hacked	Sabina Söderstjerna, Saga Product Manager, Einride PANEL DISCUSSION & INTERACTIVE	14:10 Networking break and exhibition visit 14:40 Shared Micromobility for a Green
Annika Ahlberg Tidblad, Technical Leader Battery Safety and Legislation, Volvo Cars PANEL DISCUSSION	Auke Zwaan, Cybersecurity Expert and Hacker & Founder, Black Swan Cyber Defense, The Netherlands	AUDIENCE Q&A SESSION 15:30 AI's Impact on Automotive SW Development	and Living CityIndustries? Viktor Olejnik, Country Manager Sweden, Voi Technology
16:05 Which Research and Innovation Should be Prioritized for Reaching a Large-Scale Implementation of Electromobility?	PANEL DISCUSSION & INTERACTIVE AUDIENCE Q&A SESSION 15:40 Connectivity has the Power to Transform but is not Without its Risks – Facing the Cyber Security Challenge in	Vard Antinyan, Software Engineering, Volvo Group Dr. Torvald Mårtensson, Technical Fellow, Saab Aeronautics, and Associate Professor, Linköping University Farshid Shafiabady, Technical Lead – Software	15:10 KINTO Share – situational mobility for everyone Johan Yutaka Lundblad, Head of KINTO Nordics & Baltics, KINTO
Bo Andrén, Engineering Director Battery Systems, Scania Sofia Ohnell, Business and Innovation Area Manager, RISE Research Institutes of Sweden Gertjan Geurts, Project Leader Smart Charging/Congestion, City of Utrecht, Project Leader SCALE (e-mobility V2G/V2X), The	the Vehicles Dr. Ana Magazinius, Information Security Officer, Polestar Henrik Parkkinen, Cybersecurity Governance & Strategy Lead, WirelessCar Jagor Cakmak, Cybersecurity Manager, Rimac	Integration, CEVT Tobias Fieger, Global Business Development Manager, Automotive, Real-Time Innovations (RTI), Germany Manoj C R, Head Automotive Centre of Excellence for Autonomous Driving, AI & Gen-AI,	PANEL DISCUSSION & INTERACTIVE AUDIENCE Q&A SESSION 15:50 How do we Find New Revenue Streams in the Future of Transporta- tion?
Netherlands Stefan Lagerkvist, Siemens 16:45 Moderator's closing remarks and close of conference	Technology, Croatia Auke Zwaan, Cybersecurity Expert and Hacker & Founder, Black Swan Cyber Defense, The Netherlands Daniel Jabłoński, Program Director & Cybersecu- rity Leader, GlobalLogic, Poland	Tata Consultancy Services (TCS), India 16:10 Socio-Technical Challenges of Digitalization in Automotive and Transportation Dina Koutsikouri, Associate Professor,	Malin Broqvist Andersson, Program Director, Drive Sweden Johan Yutaka Lundblad, Head of KINTO Nordics & Baltics, KINTO Liisa Andersson, Project Manager, Ruter AS, Norway
	16:20 Moderator's closing remarks and close of conference	Gothenburg University Lena Hylving, Associate Professor, University of Oslo, Senior Lecturer, Halmstad University	Jenny Lundahl, Senior Researcher & Legal Expert, RISE Research Institutes of Sweden Viktor Olejnik, Country Manager Sweden, Voi Technology

16:50 Moderator's closing remarks and close of conference

Viktor Olejnik, Country Manager Sweden, Voi Technology 16:30 Moderator's closing remarks and close of conference