



16th AUTOSAR Open Conference

Agenda

Date: *26th - 28th May 2025

Where: Bruges Meeting & Convention Center

*26th May: Organised Company Visit to TREMEC and informal get-together at the Bruges Beer Experience

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16th AOC Agenda Overview 27th of May - Day 1

8:00 - 8:15	Registration Opens		
8:15 - 9:00	Visit Exhibition		
9:00 - 9:15	Welcome and Introduction AOC		
9:15 - 9:30	Sponsor Booth Pitches		
9:30 - 10:15	Keynote: European Automotive Action Plan: the digital vehicle innovation ecosystem Max Lemke Head of Unit Internet of Things, European Commission		
10:15 - 10:30		Coffee Break & Visit Exhibitions - Exhibition Hall	
10:30 - 11:30	AUTOSAR in SDV: Introduction Strategy and Roadmap		
11:30 - 11:45	Afternoon Sessions Pitches		
11:45 - 12:00		Group Pictures in front of the BMCC	
12:00 - 13:30		Lunch - Exhibition Hall	
13:30 - 15:10	3rd Party Presentations Room: <i>TBA</i>	Tech Session 1 Room: <i>TBA</i>	Tech Session 2 Room: <i>TBA</i>
15:10 - 15:40		Coffee Break & Visit Exhibitions - Exhibition Hall	
15:40 - 17:20	3rd Party Presentations Room: <i>TBA</i>	Tech Session 1 Room: <i>TBA</i>	Tech Session 2 Room: <i>TBA</i>
17:20 - 18:00	Panel Discussion		
18:00 - 19:00	Visit Exhibition		
19:00 - 19:30	Move to Evening Event Location		
19:30	Evening Event at Halve Maan		

Management Sessions from 10:00 - 17:00

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16th AOC: Third Party Presentations


	Topic	Speakers & Company
13:30 - 13:55	Utilizing SOAFEE software development techniques to develop the SDV using AUTOSAR workloads	Robert Day SOAFEE
13:55 - 14:20	A Data Backbone for the Software Defined Vehicle	Steve Crumb COVESA
14:20 - 14:45	Joining forces in the SDV universe. Can SDVs be done in collaboration?	Peter Priller EU Federate
14:45 - 15:10	zserio – Open Source and NDS	Fabian Klebert NDS
15:10 - 15:40	 Coffee Break & Visit Exhibition - Exhibition Hall	
15:40 - 16:05	Collaboration and governance models in the era of Software Defined Vehicles	Ansgar Lindwedel Eclipse
16:05 - 16:30	API Standardization in JASPAR for Software Defined Vehicles	Yasushi Ando JASPAR
16:30 - 16:55	SYCL SC: Accelerated Compute for SDV	Erik Tomusk Khronos
16:55 - 17:20	AUTOSAR & ASAM: Continuous Harmonization	Ahmed Sadek ASAM

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16th AOC: Agenda Technical Sessions

Technical Session 1 - Room TBA

	Topic	Speakers & Company
13:30 - 14:20	Automotive Ethernet Switches: The Backbone of Modern Vehicle Architectures and their Configuration	<i>Robert Sakretz and Holger Schnuerer</i> Mercedes-Benz
14:20 - 15:10	Enhancing Vehicle Software Ecosystems: Integrating AUTOSAR, Android, and ROS via IDLs	<i>Krishna Murthy Handadi</i> KPIT Technologies
15:10 - 15:40	 Coffee Break & Visit Exhibition - Exhibition Hall	
15:40 - 16:30	Container Use Cases in AUTOSAR Adaptive Platform	<i>Yunki Choi</i> PopcornSAR
16:30 - 17:20	Deep Learning based Dynamic Routing in AUTOSAR Platform	<i>Geunyeop Ha</i> LG Electronics





Technical Session 2 - Room TBA

	Topic	Speakers & Company
13:30 - 14:20	AUTOSAR Debugging in Virtualized SDV Environments Made Easy	<i>Mei Yang</i> Lauterbach
14:20 - 15:10	Continuous Integration on Classic Platform in Practice	<i>Gunter Blache</i> Bosch
15:10 - 15:40	 Coffee Break & Visit Exhibition - Exhibition Hall	
15:40 - 16:30	How-to develop and deploy SWCs in Rust with Classic AUTOSAR BSW	<i>Florian Bartels</i> Elektrobit
16:30 - 17:20	Safe (Language) Interoperability	<i>Christof Petig</i> Aptiv Services

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16th AOC Agenda Overview 28th of May - Day 2

8:00 - 8:15	Registration Opens	
8:15 - 9:00	Visit Exhibition	
9:00 - 9:05	Welcome	
9:05 - 9:50	Keynote: TBA Marco Maniscalco Mercedes-Benz	
9:50 - 10:20	 Coffee Break & Visit Exhibition - Exhibition Hall	
10:20 - 12:20	Track 1 Room: TBA	Track 2 Room: TBA
12:20 - 13:50	 Lunch - Exhibition Hall	
13:50 - 15:20	Track 1 Room: TBA	Track 2 Room: TBA
15:20 - 15:50	 Coffee Break & Visit Exhibition - Exhibition Hall	
15:50 - 17:20	Track 1 Room: TBA	Track 2 Room: TBA
17:20	 Q&A	



16th AOC: Track 1

	Topic	Speakers & Company
10:20 - 10:50	Challenges and Solutions for S2S Communication	Nijiho Fuse Honda Motors
10:50 - 11:20	SDV Challenge Accepted – The Case for Automotive Software-defined Networking (SDN)	Thomas Galla Elektrobit
11:20 - 11:50	Heterogeneous SDV communication architectures with AUTOSAR and DDS	Tobias Fieger RTI
11:50 - 12:20	SOA development for AUTOSAR platforms using MBD	Shwetha Bhadravathi Patil and Jeff Du MathWorks and Great Wall Motors
12:20 - 13:50	 Lunch - Exhibition Hall	
13:50 - 14:20	Toward the SDV Era: Enhancing AUTOSAR to Ensure Deterministic Behavior of Systems	Motohiro Shibakawa Denso Automotive
14:20 - 14:50	Streamlined AUTOSAR-Based SDV Design and Deployment	Rajat Arora and Kowshik M S MathWorks and ETAS
14:50 - 15:20	AUTOSAR in China: Vehicle Software Platform Solution Based on AUTOSAR	Mao Haiyan Neusoft Reach
15:20 - 15:50	Effective use of DevOps for Optimized, Automated AUTOSAR integration workflow	Mithun George S D KPIT Technologies
15:50 - 16:20	 Coffee Break & Visit Exhibition - Exhibition Hall	
16:20 - 16:50	AUTOSAR OS Continuous Test: Visualization in Static and Dynamic View	Joonhyun Park Hyundai AutoEver
16:50 - 17:20	Implementing DevOps for AUTOSAR: A Layered Approach	Pavan Kumar Kolluru Larsen and Toubro Technology Services
17:20	 Q&A	

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16th AOC: Track 2

	Topic	Speakers & Company
10:20 - 10:50	Access Control in AUTOSAR: Security Aspects for SDV	Ahmed Saad Expleo
10:50 - 11:20	Safe Hardware Acceleration: Alternatives & Approaches	Andriy Byzhynar and Andrii Shcherba Intellias
11:20 - 11:50	Enabling Safety in the SDV with Open-Source Software	Alexander Mattausch Elektrobit
11:50 - 12:20	The convergence of automotive and cloud computing	Harish Goutham V AVINSystems
12:20 - 13:50	 Lunch - Exhibition Hall	
13:50 - 14:20	AUTOSAR Adaptive Platform Training and Contest with AWS Deep Racer	Youngbae Moon PopcornSAR
14:20 - 14:50	Cybersecurity for Innovative Automotive Software - Integration of Security Modeling with the AUTOSAR Adaptive Toolchain	Alexander Fischer and Ramin Tavakoli Kolagar Nuremberg Institute of Technology
14:50 - 15:20	Cybersecurity Anomaly Event Detection based on CS Claims	Haci Suleyman Eskil Terberg Special Vehicles
15:20 - 15:50	The Correctness-Security Gap introduced by Compiler Optimizations	Gerard Vink TASKING
15:50 - 16:20	 Coffee Break & Visit Exhibition - Exhibition Hall	
16:20 - 16:50	AI-Enhanced Adaptive Fault Management in the Context of Software Defined Vehicles using AUTOSAR	Bogdan Mihai Tudose DXC Luxoft
16:50 - 17:20	An AUTOSAR-compliant Immobilizer Manager: System Design and Product Lifecycle Management with Functional Safety, Cybersecurity and ASPICE Assurances	Dr. Ahmed Majeed Khan SystemWeaver
17:20	 Q&A	

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