AUT20SAR

ANNIVERSARY 2003-2023

14TH AUTOSAR OPEN CONFERENCE

Time	Session
08:00 am	**Conference Registration**
09:00 am	**Welcome Note** Günter Reichart (AUTOSAR Spokesperson), Steve Crumb (AUTOSAR North America Spokesperson)
09:05 am	**Keynote: UC Irvine** - *Alfred Chen* On the Cyber-Physical Security of Connected and Autonomous Driving Systems
09:45 am	**CATARC** - *Wu Hanbing and Jing Zhe* Join hands for a Global Standard
10:25 am	Coffee Break
10:45 am	**JASPAR** - *Kazuo Tsubouchi* JASPAR and AUTOSAR: collaboration toward next generation vehicle
11:25 am	**COVESA** - *Steve Crumb* AUTOSAR and COVESA Alignment: Realizing the Vehicle API Concept
12:05 pm	Lunch
01:05 pm	**SOAFEE** - *Robert Day* Automotive Development Ecosystem
01:45 pm	**Eclipse SDV** - *Michael Plagge* Eclipse SDV and AUTOSAR: chances and challenges of collaboration in the open
02:25 pm	Coffee Break
02:45 pm	**CAN in Automation (CiA)** - *Holger Zeltwanger* Harmonization of models and terminology for CAN technologies
03:25 pm	**GlobalPlatform** - *Gil Bernabeu* Supporting Trustworthiness in Automotive Cybersecurity
04:05 pm	Coffee Break
04:15 pm	**Panel Discussion** Günter Reichart (AUTOSAR Spokesperson)
05:00 pm	**End of Day 1**

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Technical Session 1

09:15 am - 10:00 am

Explain how the Update Works
Update the PiCar
Update "Over the Air" of an Application

Abdallah Mostafa

11:15 am - 12:00 pm

Explain how the Update Works
Update the PiCar
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Technical Session 2

09:15 am - 10:00 am

Challenges for Timing in AUTOSAR
Felix Martin on behalf of WG-RES

10:15 am - 11:00 am

Challenges for Timing in AUTOSAR
Felix Martin on behalf of WG-RES

Technical Session 3

09:15 am - 10:15 am

SDK for Adaptive AUTOSAR Development
Tobias Kühnel

11:15 am - 12:15 pm

SDK for Adaptive AUTOSAR Development
Tobias Kühnel

World Café

02:00 pm - 05:00 pm

Please expect boothes for open questions and discussions on following topics:

AUTOSAR Organization, Why Become a Partner, Safety, Adaptive Platform, Classic Platform, Foundation, Demonstrator, WGs, UCM, Security

A demo session of the PiCar can also be expected.

Friday, 12th May 2023

14TH AUTOSAR OPEN CONFERENCE

AUTOSAR Organization

08:00 am	**Conference Registration**
09:00 am	**Welcome Note** Günter Reichart - AUTOSAR Spokesperson Steve Crumb - AUTOSAR North America Spokesperson
09:10 am	**Welcome Speech** Thomas Rüping - AUTOSAR Chairperson
09:25 am	**Keynote** Qualcomm - Jeremiah Golston
09:50 am	**Status Classic Platform** AUTOSAR - Pinglei Wang
10:15 am	**Status Adaptive Platform** AUTOSAR - PL Team
10:40 am	Coffee Break

SWaP

10:55 am	**Migrating Traditional Automotive Application Compositions to AUTOSAR Adaptive Services for Software Defined Vehicles** Shwetha Bhadravathi Patil and Nukul Sehgal - MathWorks
11:20 am	**SW as Product (SWaP) Challenges in the Era of the SDV** Mohamed Bejijou - Valeo

Diagnostics

11:45 am	**Adaptive AUTOSAR in Containerized Execution Environment** Aaswad Kulkarni - Tata Consultancy Services
12:10 am	**SOVD - Diagnostic API for Software-Based Vehicles** Dipl.-Ing. Bernd Wenzel - ASAM e.V.
12:35 am	Lunch Break & Group Picture

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Safety

Time	Session
02:05 pm	**Safe Hardware Accelerators Utilization in AUTOSAR AP** Andriy Byzhynar - Intellias
02:30 pm	**Redundancy Approach for Fail-Operational Systems Based on Adaptive AUTOSAR** M.Sc. Christopher Schwager - ITK Engineering
02:55 pm	**An Implementation of ara::com Providing Low Latency and High Throughput for ASIL-B and Mixed Critical ASIL-B/ASIL-QM Setups** Jan Schlosser - BMW AG
03:20 pm	Coffee Break

SDV

Time	Session
03:40 pm	**Functional Safety and Software Defined Vehicle Ecosystem on Verification Tool Chain with OSS** Kenji Onishi - GAIO Technology Co., Ltd.
04:00 pm	**Inter-Communication Process Design and Configuration at the AUTOSAR Adaptive** Sangyup Lee & Yeongkyu Lim - LG Electronics
04:25 pm	Coffee Break
04:45 pm	**AUTOSAR's Role in Context of a Vehicle OS** Dr.-Ing. Marc Weber - Vector Informatik GmbH
05:10 pm	**How the Automotive OS Disrupts the Way We Develop Software – From Vertical Integration to Platform Thinking** Moritz Neukirchner - Elektrobit Automotive GmbH

AUTOSAR Organization

Time	Session
05:35 pm	**Q&A Session** AUTOSAR - Members of PL and SC Team
05:55 pm	**Closing Words** Peter Redlich - AUTOSAR Deputy Chairperson
06:00 pm	**End of 14th AUTOSAR Open Conference**