



17th AUTOSAR Open Conference

The 17th AUTOSAR Open Conference was held on June 10-11th in Shanghai, China.

Under the motto **“Combining Open Source, Community Source and Commercial Automotive Software: Challenges and Solutions,”** the 17th AUTOSAR Open Conference brought together more than 300 participants, partners, researchers, developers, and industry experts in Shanghai to discuss key trends shaping the future of automotive software.

The conference addressed major industry topics, including AI-Defined Vehicles (AIDV), Software-Defined Vehicles (SDV), the evolution of CAPI, the integration of AUTOSAR and AI, multi-domain control platforms, future developments of the AUTOSAR Adaptive Platform, service-oriented software development and testing, efficiency improvements in AUTOSAR-based development, and unified software testing methods.

The two-day conference was moderated by AUTOSAR Spokesperson Joachim Langenwaller and opened with a welcome address by Thomas Rüping, AUTOSAR Chairperson. This was followed by an introduction to AUTOSAR, presented by Christian Nickl, Speaker of the AUTOSAR Project Leader Team; Jing Zhe, AUTOSAR China Hub Spokesperson; and Joachim Langenwaller.

The plenary session continued with keynote presentations by Zheng Yali, Deputy Secretary-General of the China Society of Automotive Engineers (CSAE) and Executive Dean of the National Institute of Automotive Strategy, who spoke on *“Future Development Trends of the Automobile Industry,”* and Mr. Aiguo Cui, Software Level 8 Expert and Director of the Intelligent Vehicle Control Product Department at Huawei, who presented *“Digital Foundation in the Intelligent Vehicle Era.”*

During the conference, AUTOSAR and iSOFT announced a significant contribution to the Common Adaptive Platform Implementation (CAPI), marking an important step in AUTOSAR’s evolution toward an executable, implementation-driven software platform for Software-Defined Vehicles and AI-Defined Vehicles. The contribution includes production-oriented Adaptive Platform software components and integration capabilities

designed to support interoperability, centralized compute architectures, service-oriented communication, and modern automotive software development workflows. In recognition of this contribution, AUTOSAR Chairperson Thomas Rüping presented the CAPI Outstanding Contribution Award to iSOFT, represented by General Manager Liu Hongqian.

The afternoon program featured technical sessions delivered by representatives from a broad range of companies, including iSOFT, Elektrobit, Desay, Hyundai AutoEver, IAT (Beijing) Automotive Digital Technology, SystemWeaver, RTI, NXP Semiconductors, ETAS, Shanghai Hetion Software Technology, and Vector Automotive Technology Shanghai Co., Ltd.

The first day concluded with a panel discussion on *“AUTOSAR and the Future of AI-Defined Vehicles.”* Moderated by AUTOSAR Spokesperson Joachim Langenwaller, the panel brought together representatives from across the automotive software ecosystem, including Thomas Zeitler of AUMOVIO, Yu Peng of XPENG, Jiaxi Liu of Xiaomi Technology, Diana Mao of Neusoft Reach, Ralf Schneider of Mercedes-Benz AG, and Boxue Li of Beijing HIRAIN Technologies.

The discussion highlighted that the future of automotive software will not be shaped by a single company or region, but through cross-industry and international collaboration. In this context, **AUTOSAR continues to provide common ground for cooperation and the real-world implementation of AI-driven automotive software.**

The second day of the conference opened with two keynote speeches: *“Technology-Driven & Ecosystem-Led: Practices and Explorations of RISC-V in Automotive Electronics,”* delivered by Dr. Li Chunqiang, Vice President and Senior Director of Research and Development at Alibaba DAMO Academy XuanTie RISC-V, and *“Scaling Through E/E Architecture: The BMW Neue Klasse Approach,”* delivered by Dr. Ralf Grassnick of BMW China Services Ltd.

The agenda then continued with a full day of expert presentations delivered by leading international companies, including Xiaomi, Vector Informatik, eSOL, Geely, develop group, Tata Consultancy Services, Neusoft Reach, KOTEL, AVIN Systems, KPIT Technologies, PopcornSAR, Virtual Vehicle Research GmbH, and AUMOVIO.

AUTOSAR extends its sincere gratitude to the sponsors of the 17th AUTOSAR Open Conference — EasyXMen, iSOFT, ETAS, Hetion Software, Neusoft Reach, KOTEL, Vector, TASKING, Avelabs, SystemWeaver, PopcornSAR, Fujitsu, MathWorks, Lauterbach GmbH, foxdot GmbH, Gliwa, AVIN Systems, BTC Embedded Systems, and AUMOVIO — for their generous support and continued trust as long-term partners.

AUTOSAR also extends its appreciation for the broad media coverage of the conference, including reports by CCTV, the MIIT News Center, Xinhua News Agency, People's Daily, China News Service (CNS), and more than 20 major domestic media outlets.

The 17th AUTOSAR Open Conference reaffirmed the strength of the AUTOSAR community as a dynamic, solution-oriented, and future-focused global network. Guided by the core values of openness, responsibility, and trust, the AUTOSAR partnership continues to advance through close collaboration and sustained innovation.

AUTOSAR looks forward to the 18th AUTOSAR Open Conference, which will take place in Germany in June 2027, and to continuing its collaboration with the global AUTOSAR community.

About the AUTOSAR Adaptive Platform

AUTOSAR first released its Adaptive Platform on March 31st, 2017, as a standardized integration platform for microprocessor-based electronic control units (ECU). The AUTOSAR Adaptive Platform is based on POSIX operating systems and is the ECU standard for new automotive megatrends. It provides a unique holistic AUTOSAR safety and security approach for microcontroller-based ECUs and high-performance microprocessor-based ECUs throughout the whole EE-Architecture with a consistent software and methodology design. Additionally, AUTOSAR Adaptive Platform also introduces a holistic approach for updatability (over the air) throughout the whole EE-Architecture. By doing so, the new standard avoids the costly alternative for OEMs and their suppliers of repeatedly developing the critical and complicated functionality of such software platforms with proprietary and individual solutions.

About the AUTOSAR Classic Platform

The AUTOSAR Classic Platform is the well-established standardized software and methodology framework for deeply embedded electronic control units (microcontroller ECUs), which offers OEMs and suppliers a safe, secure, and stable foundation to build up their distributed software systems. By using a layered software architecture based on a methodology that configures the software stack as well as the complete communication for a given EE-Architecture, the AUTOSAR Classic Platform supports all kinds of interconnected microcontroller-based ECUs.

About AUTOSAR (AUTomotive Open System ARchitecture)

AUTOSAR (AUTomotive Open System ARchitecture) is a global partnership of leading companies in the automotive and software industry to develop and establish the standardized technical framework enabling scalable E/E system architectures for intelligent mobility. Since 2003, they have been working on the development and introduction of several open, standardized software platforms including the joining methodology for the automotive industry. By simplifying replacement and update for software and hardware, the AUTOSAR approach forms the foundation for reliably controlling the growing complexity of electronic and software systems in today's and future vehicles. As AUTOSAR is open to new features in the Automotive area it will continuously adapt the standards. In addition, AUTOSAR improves cost efficiency and quality by enabling its partners to cooperate in a competitive way but on the same solution. The "Core Partners" of AUTOSAR are AUMOVIO Germany GmbH, Bayerische Motoren Werke AG, Robert Bosch GmbH, DENSO Corporation, General Motors Holdings LLC, Huawei Technologies Co., Ltd., Mercedes-Benz AG, Toyota Motor Corporation, Vector Informatik GmbH, and Volkswagen AG. The AUTOSAR partnership of over 300 partners play an important role in the success of the partnership and can use the standards free of charge.

Further information

Web www.autosar.org

Email press@autosar.org