

AUTOSAR

15TH AOC

11TH - 12TH JUNE 2024

VENUE:

HILTON TOKYO ODAIBA

1-9-1 DAIBA MINATO-KU, TOKYO 135-8625

AGENDA



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AOC AGENDA OVERVIEW - DAY 1

Room: Pegasus A

- 09:00 - 09:15 — **Welcome & Introduction AOC**
- 09:15 - 10:00 — **Woven by Toyota: Keynote Speech. Speaker: Mr. JF Bastien**
- 10:00 - 10:20 — **AUTOSAR Classic Platform**
- 10:20 - 10:40 — **AUTOSAR Adaptive Platform**
- 10:40 - 11:00 — **AUTOSAR Roadmap and Strategy**
- 11:00 - 11:10 — **3rd Parties Presentation Pitches**
- 11:10 - 11:30 — **Technical Session Pitches**

11:30 - 13:00 —  **Lunch: Sunrise and Sunset Terrace**

13:00 - 15:20 —

3rd Parties Presentations <small>Room: Pegasus A</small>	Technical Sessions A <small>Room: Serius A</small>	Technical Sessions B <small>Room: Serius B</small>
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15:20 - 15:50 —  **Coffee Break**

15:50 - 17:30 —

3rd Parties Presentations <small>Room: Pegasus A</small>	Technical Sessions A <small>Room: Serius A</small>	Technical Sessions B <small>Room: Serius B</small>
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17:30 - 18:00 — **3rd Party Panel Discussion: Pegasus A**

19:00 - 22:00 — **Networking Event: Sunrise and Sunset Terrace**

Management Sessions in Hagi Room
 Exhibitions in Foyer and Pegasus B

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3RD PARTIES AGENDA

AUTOSAR in Regions

- 13:00 - 13:20 — Japan JASPAR: TBC. **Speaker:** TBC
- 13:20 - 13:40 — AUTOSAR: TBC. **Speaker:** Martin Lunt
- 13:40 - 14:00 — China - NTSIB: TBC. **Speaker:** Ms. Wu Hanbing
- 14:00 - 14:20 — India: TBC. **Speaker:** TBC
- 14:20 - 14:40 — North America: TBC. **Speaker:** Steve Crumb
- 14:40 - 15:00 — EU FEDERATE Program: TBC. **Speaker:** Peter Priller
- 15:00 - 15:20 — Sidéral Fuelling Collaboration through diversity and inclusion in the innovation process. **Speaker:** Lorena García Girón
- 15:20 - 15:50 — ☕ Coffee Break

Evolution of the SDV Ecosystem

- 15:50 - 16:10 — NDS: Use Case: Navigating the Future: Integrating HD Maps and Services with AUTOSAR in Software-Defined Vehicles. **Speaker:** Fabian Klebert
- 16:10 - 16:30 — COVESA: TBC. **Speaker:** Mr. Hisao Murakata
- 16:30 - 16:50 — Eclipse SDV: TBC. **Speaker:** Michael Plagge
- 16:50 - 17:10 — SOAFEE: TBC. **Speaker:** Robert Day
- 17:10 - 17:30 — AUTOSAR: TBC. **Speaker:** Michael Niklas-Horet
- 17:30 - 17:50 — 3rd Party Panel Discussion

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TECHNICAL SESSIONS A

Room: Sirius A

- 13:05 - 13:50** — **Vector JP:** AUTOSAR Fundamentals, Introduction Session in Japanese **Speaker:** Nakamura Nobuhiko & Shigeta Yoshihiro
- 13:50 - 14:35** — **AUTOSAR:** AUTOSAR Methodology and Work Mode in Japanese. **Speaker:** Mr. Tsuyoshi Sakurai (Japan Hub)
- 14:35 - 15:20** — **Mercedes-Benz AG:** AUTOSAR Signal/Service Translation Introduction - AUTOSAR Methodology. **Speaker:** Robert Sakretz
- 15:20 - 15:50** — ☕ Coffee Break
- 15:50 - 16:35** — **TASKING Germany GmbH:** Virtual ECUs: Redefining Scalability and Efficiency in Embedded Software Development, Debugging and Testing. **Speaker:** Matthias Scheid
- 16:35 - 17:20** — **BTC Japan:** Model-Based Development Using AUTOSAR: Challenges and Best Practices. **Speaker:** Leif Driebold
- 17:20 - 18:05** — **Intellias:** Safe Hardware Accelerators Utilization in AUTOSAR AP. **Speaker:** Andriy Byzhynar and Andrii Shcherba

TECHNICAL SESSIONS B

Room: Sirius B

- 13:05 - 13:50** — **Tietoevry:** Open-source Artifacts in Cloud-Vehicle Integration. **Speaker:** Paweł Jarosz
- 13:50 - 14:35** — **BLUEBINARIES:** Firmware Over the Air Software Update Using AUTOSAR in Software Defined Vehicles(SDVs). **Speaker:** Rakesh Kumar
- 14:35 - 15:20** — **LG Cybersecurity:** How to Prevent Security Attacks in a Timely Manner from a Platform Perspective. **Speaker:** Sangyup Lee & Changhoon Park
- 15:20 - 15:50** — ☕ Coffee Break
- 15:50 - 17:20** — **WG-AP-DI, WG-AP-CCT & WG-UCM:** Adaptive Platform Demonstrator (APD) - General introduction and flagship demo use cases. **Speaker:** Florian Frank & Aymeric Rateau
- 17:20 - 18:05** — **Aptiv Services GmbH:** Writing AUTOSAR Adaptive Stacks in Rust or JavaScript. **Speaker:** Christof Petig

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AOC AGENDA OVERVIEW - DAY 2

Room: Pegasus A

09:00 - 09:05 Welcome

09:05 - 09:50 **METI (Ministry of Economy Trade Industry):** Keynote Speech.
Speaker: Mr. Takeru Ito

09:50 - 10:00 Coffee Break

10:00 - 11:15 **Track 1** Room: Pegasus A **Track 2** Room: Pegasus C

11:15 - 11:35 Coffee Break

11:35 - 12:25 **Track 1** Room: Pegasus A **Track 2** Room: Pegasus C

12:25 - 13:55 Lunch: Sunrise and Sunset Terrace

13:55 - 15:10 **Track 1** Room: Pegasus A **Track 2** Room: Pegasus C

15:10 - 15:30 Coffee Break

15:30 - 16:45 **Track 1** Room: Pegasus A **Track 2** Room: Pegasus C

16:45 - 17:20 Coffee Break

Room: Pegasus A

17:20 - 18:00 Q&A Session

18:00 End

Exhibitions in Foyer and Pegasus B

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TRACK 1 - PEGASUS A

- 10:00 - 10:25  **eSOL:** The Four Principles of Software Defined Vehicle . **Speaker:** Masaki Gondo
- 10:25 - 10:50  **LG SDV:** What are Opportunities or Challenges for SDV in the Context of AUTOSAR. **Speaker:** Yeongkyu Lim & Seongwook Min
- 10:50 - 11:15  **Vector:** Improving the Understanding of the AUTOSAR Technology Portfolio: A Software Supplier Perspective. **Speaker:** Eduard Metzker
- 11:15 - 11:35   Coffee Break
- 11:35 - 12:00  **iSOFT:** Practical Applications of AUTOSAR in China & Exploring Future Trends in Open-Source Automotive Software **Speaker:** Alex Zhang
- 12:00 - 12:25  **Synopsys:** Exploring the Future of AUTOSAR Focus Areas and Collaboration Opportunities Considering Software and Cybersecurity. **Speaker:** Dennis Kengo Oka
- 12:25 - 13:55   Lunch: Sunrise and Sunset Terrace
- 13:55 - 14:20  **KPIT India:** Converging AUTOSAR Adaptive and AAOS, in Coexistence. **Speaker:** Meenal Awachat
- 14:20 - 14:45  **PopcornSAR:** AUTOSAR Adaptive Platform with Digital Twin Environment for SDV **Speaker:** Yunki Choi
- 14:45 - 15:10  **Elektrobit:** Safe and Security OTA for SDV. **Speaker:** Abdelillah Ymlahi Ouazzani
- 15:10 - 15:30   Coffee Break
- 15:30 - 15:55  **Siemens:** Software-defined Vehicles: Safe and Secure Ethernet for Zonal ECUs **Speaker:** Ahmed Majeed Khan
- 15:55 - 16:20  **RTI:** AUTOSAR as the Software-Defined Vehicle Backbone through Interoperability Standards. **Speaker:** Estepa Emilio Guijarro
- 16:20 - 16:45  **DENSO:** Recommendations how AUTOSAR can Best Realize Software-Defined Networking **Speaker:** Kenichiro Omura
- 16:45 - 17:00   Coffee Break

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TRACK 2 - PEGASUS C

- 10:00 - 10:25** — **MathWorks & Elektrobit:** AUTOSAR Application Development for the SDV Era. **Speaker:** Simon Dürr & Shwetha Bhadravathi Patil
- 10:25 - 10:50** — **KPIT Technologies Ltd.:** Ease of Software Integration and Interoperability with AUTOSAR in SDV. **Speaker:** Krishna Murthy Handadi
- 10:50 - 11:15** — **TCS by TATA:** Containers Based Software Development with AUTOSAR and non-AUTOSAR Systems. **Speaker:** Aaswad Kulkarni
- 11:15 - 11:35** — ☕ Coffee Break
- 11:35 - 12:00** — **Vitesco Technologies:** AUTOSAR Compliant != Interoperable != Portable **Speaker:** Ralph Mader & David Nürnberger
- 12:00 - 12:25** — **Bosch:** Building AUTOSAR Tool Eco-System for the Software Defined Vehicle **Speaker:** Prabhat Kosuru
- 12:25 - 13:55** — 🍴 Lunch: Sunrise and Sunset Terrace
- 13:55 - 14:20** — **Southwest Research:** Securing Vehicle Architectures with Zero Trust Principles **Speaker:** Maggie Shipman, Nathan Millwater & Cameron Mott
- 14:20 - 14:45** — **TASKING:** Is Your Security Mechanism Still Secure After Compilation? **Speaker:** Gerard Vink
- 14:45 - 15:10** — **OpenSynergy:** Software Clustering vs Embedded Virtualization for Deeply-Embedded Applications. **Speaker:** Pierre-Antoine Bernard
- 15:10 - 15:30** — ☕ Coffee Break
- 15:30 - 15:55** — **ARM Ltd.:** Consolidating AUTOSAR Classic Platform ECUs for Zonal Architecture. **Speaker:** Bernhard Rill
- 15:55 - 16:20** — **GLIWA:** Why AUTOSAR Fails so Often. **Speaker:** Peter Gliwa
- 16:20 - 16:45** — **Verlot Engineering:** AUTOSAR's Role in Software Defined Vehicle Ecosystem. **Speaker:** Ajinkya Kadupatil & Gaurav Kedari
- 16:45 - 17:00** — ☕ Coffee Break

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