

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 AB

- 08:15 - 09:00 Open Registration & Translation Kits Handover
- 09:00 - 09:15 Welcome & Introduction AOC
- 09:15 - 10:00 Woven by Toyota: Keynote Speech. **Speaker:** Mr. JF Bastien
- 10:00 - 11:00 AUTOSAR in SDV: Introduction Strategy and Roadmap. **Speaker:** Ms. Neumüller, Mr. Metzker, Mr. Nickl and Mr. Niklas-Höret
- 11:00 - 11:10 3rd Parties Presentation Pitches
- 11:10 - 11:30 Technical Session Pitches

- 11:30 - 13:00 Lunch Orange Group 3rd Floor: 3F Luminous + Sunrise + Sunset + Rainbow
- Lunch Green Group: Apolon Room

- 13:00 - 15:20

3rd Parties Presentations Room: Pegasus AB	Technical Sessions A Room: Sirius A	Technical Sessions B Room: Sirius B
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- 15:20 - 15:50 Coffee Break: Foyer & Pegasus C

- 15:50 - 17:30

3rd Parties Presentations Room: Pegasus AB	Technical Sessions A Room: Sirius A	Technical Sessions B Room: Sirius B
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- 17:30 - 18:10 3rd Party Panel Discussion: Pegasus AB

- 19:00 - 22:00 Networking Event: 3rd floor: 3F Luminous + Sunrise + Sunset + Rainbow

Management Sessions: Hagi Room

Exhibitions: Pegasus C

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AOC AGENDA DAY 1

3RD PARTIES AGENDA: PEGASUS AB

AUTOSAR in Regions

- 13:00 - 13:20 — JASPAR - **Speaker:** Takashi Hisaki
- 13:20 - 13:40 — AUTOSAR Global - **Speaker:** Martin Lunt
- 13:40 - 14:00 — SDV Trend in China - **Speaker:** Jing Zhe
- 14:00 - 14:20 — SDV in North America - **Speaker:** Steve Crumb
- 14:20 - 14:40 — EU FEDERATE Program - **Speaker:** Peter Priller
- 14:40 - 15:00 — Sidéral Fuelling Collaboration through diversity and inclusion in the innovation process. **Speaker:** Lorena García
- 15:00 - 15:20 — SDV Alliance - **Speaker:** Michael Niklas-Höret
- 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 - **Speaker:** Hisao Munakata
- 16:30 - 16:50 — Eclipse SDV - **Speaker:** Michael Plagge
- 16:50 - 17:10 — SOAFEE - **Speaker:** Robert Day
- 17:10 - 18:00 — 3rd Party Panel Discussion - **Speakers:** All Regions and SDV Speakers

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AOC AGENDA DAY 1

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 & Khronos:** Safe Hardware Accelerators Utilization in AUTOSAR AP. **Speaker:** Adam Konopa & Verena Beckham

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: Live Event Pegasus A (Japanese Translation) & Digital Stream Pegasus B

09:00 - 09:05 — Welcome

09:05 - 09:50 — **Ministry of Economy, Trade and Industry: Keynote Speech.**
Speaker: Mr. Takeru Ito

09:50 - 10:10 — ☕ Coffee Break: Foyer and Pegasus C

10:10 - 11:25 —

Track 1 Room: Pegasus A	Track 2 Room: Pegasus B
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11:25 - 12:25 — 🍴 Lunch Orange Group 3rd Floor: 3F Luminous + Sunrise + Sunset + Rainbow
Exhibition Area Visit Green Group: Pegasus C

12:25 - 13:25 — 🍴 Lunch Green Group 3rd Floor: 3F Luminous + Sunrise + Sunset + Rainbow
Exhibition Area Visit Orange Group: Pegasus C

13:25 - 15:05 —

Track 1 Room: Pegasus A	Track 2 Room: Pegasus B
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15:05 - 15:35 — ☕ Coffee Break: Foyer and Pegasus C

15:35 - 17:15 —

Track 1 Room: Pegasus A	Track 2 Room: Pegasus B
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17:15 - 17:30 — ☕ Coffee Break: Foyer and Pegasus C

17:30 - 18:00 — **Q&A Session: Live Event Pegasus A & Digital Stream Pegasus B**

18:00 — End

Exhibitions: Pegasus C

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AOC AGENDA DAY 2

TRACK 1 - PEGASUS A

- 10:10 - 10:35 — **eSOL:** The Four Principles of Software Defined Vehicle . **Speaker:** Masaki Gondo
- 10:35 - 11:00 — **LG SDV:** What are Opportunities or Challenges for SDV in the Context of AUTOSAR. **Speaker:** Yeongkyu Lim & Seongwook Min
- 11:00 - 11:25 — **Vector:** Improving the Understanding of the AUTOSAR Technology Portfolio: A Software Supplier Perspective. **Speaker:** Eduard Metzker
- 11:25 - 12:25 —  Lunch Orange Group 3rd Floor: 3F Luminous + Sunrise + Sunset + Rainbow
Exhibition Area Visit Green Group: Pegasus C
- 12:25 - 13:25 —  Lunch Green Group 3rd Floor: 3F Luminous + Sunrise + Sunset + Rainbow
Exhibition Area Visit Orange Group: Pegasus C
- 13:25 - 13:50 — **iSOFT:** Practical Applications of AUTOSAR in China & Exploring Future Trends in Open-Source Automotive Software **Speaker:** Dongsheng Zhou
- 13:50 - 14:15 — **Synopsys:** Exploring the Future of AUTOSAR Focus Areas and Collaboration Opportunities Considering Software and Cybersecurity. **Speaker:** Dennis Kengo Oka
- 14:15 - 14:40 — **KPIT India:** Converging AUTOSAR Adaptive and AAOS, in Coexistence. **Speaker:** Irappa Koli
- 14:40 - 15:05 — **PopcornSAR:** AUTOSAR Adaptive Platform with Digital Twin Environment for SDV **Speaker:** Yunki Choi
- 15:05 - 15:35 —  Coffee Break: Foyer and Pegasus C
- 15:35 - 16:00 — **Elektrobit:** Safe and Security OTA for SDV. **Speaker:** Simon Dürr
- 16:00 - 16:25 — **Siemens:** Software-defined Vehicles: Safe and Secure Ethernet for Zonal ECUs **Speaker:** Mr. Armin Lichtblau
- 16:25 - 16:50 — **RTI:** AUTOSAR as the Software-Defined Vehicle Backbone through Interoperability Standards. **Speaker:** Emilio Gujarro
- 16:50 - 17:15 — **DENSO:** Recommendations how AUTOSAR can Best Realize Software-Defined Networking **Speaker:** Kenichiro Omura
- 17:15 - 17:30 —  **Group Photo:** Hilton Lobby
- 17:30 - 18:00 — **Q&A Session:** Live Event Pegasus A & Digital Stream Pegasus B

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AOC AGENDA DAY 2

TRACK 2 - PEGASUS B

- 10:10 - 10:35  **MathWorks & Elektrobit:** AUTOSAR Application Development for the SDV Era.
Speaker: Simon Dürr & Shwetha Bhadravathi Patil
- 10:35 - 11:00  **KPIT Technologies Ltd.:** Ease of Software Integration and Interoperability with AUTOSAR in SDV. **Speaker:** Krishna Murthy Handadi
- 11:00 - 11:25  **TCS by TATA:** Containers Based Software Development with AUTOSAR and non-AUTOSAR Systems. **Speaker:** Aaswad Kulkarni
- 11:25 - 12:25   **Lunch Orange Group 3rd Floor: 3F Luminous + Sunrise + Sunset + Rainbow**
Exhibition Area Visit Green Group: Pegasus C
- 12:25 - 13:25   **Lunch Green Group 3rd Floor: 3F Luminous + Sunrise + Sunset + Rainbow**
Exhibition Area Visit Orange Group: Pegasus C
- 13:25 - 13:50  **Vitesco Technologies:** AUTOSAR Compliant != Interoperable != Portable
Speaker: Ralph Mader & David Nürnberger
- 13:50 - 14:15  **Bosch:** Building AUTOSAR Tool Eco-System for the Software Defined Vehicle
Speaker: Prabhat Kosuru
- 14:15 - 14:40  **Southwest Research:** Securing Vehicle Architectures with Zero Trust Principles
Speaker: Maggie Shipman, Nathan Millwater & Cameron Mott
- 14:40 - 15:05  **Mercedes-Benz AG:** AUTOSAR Signal/Service Translation Introduction - AUTOSAR Methodology
Speaker: Robert Sakretz
- 15:05 - 15:35   **Coffee Break/Exhibition:** Foyer and Pegasus C
- 15:35 - 16:00  **Mercedes-Benz AG:** AUTOSAR Signal/Service Translation Introduction - AUTOSAR Methodology
Speaker: Robert Sakretz
- 16:00 - 16:25  **ARM Ltd.:** Consolidating AUTOSAR Classic Platform ECUs for Zonal Architecture.
Speaker: Bernhard Rill
- 16:25 - 16:50  **GLIWA:** Why AUTOSAR Fails so Often. **Speaker:** Peter Gliwa
- 16:50 - 17:15  **Verolt Engineering:** AUTOSAR's Role in Software Defined Vehicle Ecosystem. **Speaker:** Ajinkya Kadupatil & Gaurav Kedari
- 17:15 - 17:30   **Group Photo:** Hilton Lobby
- 17:30 - 18:00  **Q&A Session:** Live Event Pegasus A & Digital Stream Pegasus B

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AOC MAP DAY 1



Lunch Orange Group 3rd Floor
11:30 - 13:00

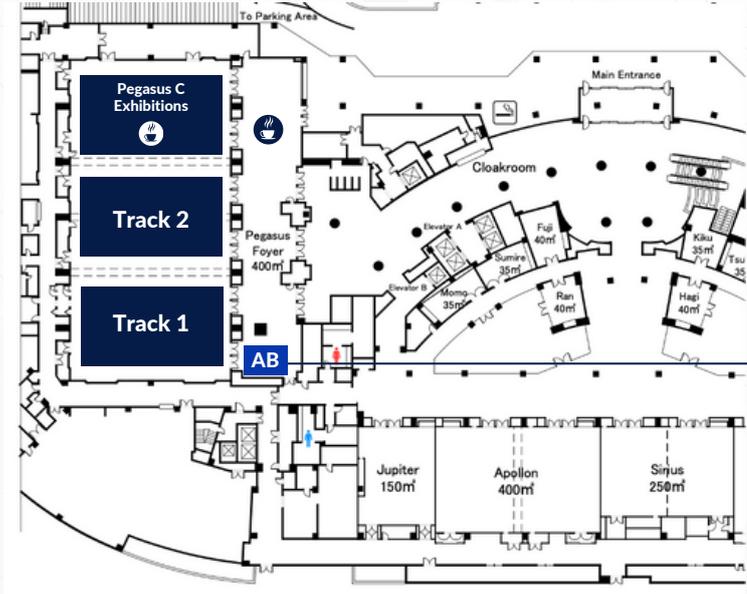
Coffee Break Station

Management Sessions: Hagi Room

Admin Booth: Translation Kits

Tech Sessions A & B: Sirius Room

AOC MAP DAY 2



Please Respect Your Time Slot

Lunch Orange Group 3rd Floor
11:25 - 12:25

Lunch Green Group 3rd Floor
12:25 - 13:25

Admin Booth: Translation Kits

While waiting for your lunch time slot we invite you to visit our Exhibition Hall in Pegasus C.

Coffee Break Station

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