

Bosch to present comprehensive solutions at Automotive Engineering Exposition 2023 YOKOHAMA

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- ▶ Bosch to introduce comprehensive mobility solutions mainly in presentation style
 - Bosch Booth: #32
- ▶ Klaus Meder, president and representative director of Bosch Corporation, scheduled to deliver speech at 12:40-13:15 on May 24 (Wed.). The topic is about Bosch's initiatives on carbon neutrality and the new R&D facility in Yokohama.
- ▶ Bosch will also participate on the event's online page
URL: <https://aee.online.jsae.or.jp/en/exhibition/detail.html?id=230>
※Available from May 24, 2023 (Wed.)
- ▶ Bosch to launch a special microsite on the official Bosch website
URL: <https://www.bosch.co.jp/aee-2023/> ※Available from May 24, 2023 (Wed.)

Tokyo - Bosch Corporation will participate in the Automotive Engineering Exposition 2023 YOKOHAMA, to be held at Pacifico Yokohama from May 24 (Wed.) to 26 (Fri.) and its online exhibition from May 24 (Wed.) to June 7 (Wed.). Bosch will introduce its broad range of next-generation solutions, from hardware and software to mobility solutions and the creation of social value at both venues

New exhibition style mainly with presentation: introducing Bosch's comprehensive solutions

With recent advancements of electrification and automation in the automotive industry, customer requirements are changing rapidly as the mobility environment and the concept of vehicle development evolve. As a leading global supplier of innovative technology and services, Bosch is looking ahead to the changes in the market and society and staying close to the diversifying needs of customers. Bosch offers a wide range of comprehensive solutions from hardware to software, and services that in addition to automakers, are also geared directly toward consumers.

This year, rather than showcasing individual products and services, Bosch will hold presentations at its booth to introduce the wide range of solutions and development concepts under the theme of "Shaping a new era of mobility." The company plans to provide more than 10 sessions per day.

In the presentations, Bosch will introduce its products and services for next-generation fleet management such as Automated Valet Parking (AVP) system and battery management services. In addition to mobility-related solutions, the presentation will also cover corporate topics such as Bosch's carbon neutrality and reskilling initiatives. At the presentation from 12:40-13:15 on May 24 (Wed.), Klaus Meder, president and representative director of Bosch Corporation, is scheduled to introduce Bosch's initiatives on carbon neutrality and the new R&D facility to be completed in 2024 in Tsuzuki Ward, Yokohama City.

The Bosch Group companies – ITK Engineering Japan Inc., Bosch Global Software Technologies Ltd. and Bosch Engineering K.K. – will also showcase their latest solutions at the booth on the following solutions:

- **ITK Engineering Japan:**
 - iVESS: Individual Virtual Environment & Sensor Simulation solutions
 - V&V: ITK's HILS and HILS benchmark systems for testing purposes
- **Bosch Global Software Technologies:**
 - Connected Mobility and Carbon Neutral Services
- **Bosch Engineering:**
 - System solutions for realizing Software-Defined Mobility

Bosch will provide an overview of some of the solutions included in the presentation on the event's online page as well as on the Bosch special microsite.

For details on the presentation schedule from May 24 to 26, see below.

* Schedule may be subject to change.

* Please note that some of the presentations may be conducted in English only.

	Time	Category	Content
May 24 (Wed.)			
1	10:30-10:50	Automated & Electrified	New trend in automotive engineering brought by software: Vehicle motion management
2	11:05-11:25	PACE	A holistic system approach in mobility - toward exploiting data in digital mobility ecosystem
3	11:40-11:50	PACE	Vehicle development of the future -Technology to enable the development of software-defined vehicles
4	12:05-12:25	Connected	Connected brakes for higher efficiency, quality, transparency, and lower cost in automotive development

5	12:40-13:15	Corporate	Bosch in AEE 2023 For Safe, Sustainable and Exciting mobility [Speaker] Klaus Meder, president and representative director of Bosch Corporation
6	13:25-13:45	Electrified	Next Generation Powertrain - FCEV-
7	13:55-14:15	Electrified	Next Generation Powertrain - H2 Engine-
8	14:25-14:45	Connected	Introduction to Bosch Connected Map Services
9	15:00-15:20	Connected	Next Generation Fleet Management Mobility Solutions 1
10	15:35-15:55	Automated	iVESS: Validation Methods for Advanced Driver Assistance Systems using Sensor Simulation and Virtual Environments
11	16:10-16:30	Connected	Next Generation Fleet Management Mobility Solutions 2
12	16:45-17:05	Aftermarket	Toward a Safe and Secure Automated Driving Society, ADAS-EDR, EDR for Automated driving, its records and utilization
13	17:20-17:40	Electrified	Thermal Management for Electrification
May 25 (Thu.)			
1	10:30-10:50	Electrified	Thermal Management for Electrification
2	11:05-11:15	PACE	Vehicle development of the future -Technology to enable the development of software- defined vehicles
3	11:30-11:50	Electrified	Make hydrogen your climate game changer SOFC stationary fuel cell
4	12:05-12:25	Connected	Connected brakes for higher efficiency, quality, transparency, and lower cost in automotive development
5	12:40-13:00	Connected	Next Generation Fleet Management Mobility Solutions 1
6	13:15-13:40	Automated	Bosch ADAS functions towards centralization with software driven development
7	13:50-14:10	Automated & Electrified	New trend in automotive engineering brought by software: Vehicle motion management
8	14:25-14:45	Corporate	Smart work
9	15:00-15:20	Electrified	Additional value of EV world - CVT4EV
10	15:35-15:55	Aftermarket	Toward a Safe and Secure Automated Driving Society, ADAS-EDR, EDR for Automated driving, its records and utilization
11	16:10-16:30	Connected	Connected brakes for higher efficiency, quality, transparency, and lower cost in automotive development
12	16:45-17:05	Connected	Bosch Cockpit Technology Strategy: Future of Integrated Infotainment and Interior Monitoring
13	17:20-17:40	PACE	A holistic system approach in mobility - toward exploiting data in digital mobility ecosystem
May 26 (Fri.)			
1	10:30-10:50	Connected	Connected Powertrain Data services for the whole product lifecycle (Development ~ Reuse)
2	11:05-11:25	Electrified	Next Generation Powertrain - FCEV-
3	11:40-12:00	Electrified	Next Generation Powertrain - H2 Engine-
4	12:15-12:35	Connected	Connected brakes for higher efficiency, quality, transparency, and lower cost in automotive development
5	12:50-13:10	Connected	Next Generation Fleet Management Mobility Solutions 2
6	13:25-13:45	Electrified	Thermal Management for Electrification
7	14:00-14:20	PACE	Next E/E Architecture with Zone ECU and powernet
8	14:35-14:55	Automated & Electrified	New trend in automotive engineering brought by software: Vehicle motion management

9	15:10-15:30	Corporate	Reskilling and Upskilling program for engineers
10	15:45-16:05	Aftermarket	Trends of vehicle diagnostics and SOVD - For safe and secure future vehicles -
11	16:20-16:40	PACE	A holistic system approach in mobility - toward exploiting data in digital mobility ecosystem

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Bosch in Japan is currently represented in the country by Bosch Corporation, Bosch Rexroth Corporation and other affiliates. Bosch Corporation is responsible for the development, manufacturing, sales and services of automotive original equipment, automotive aftermarket products and power tools. Bosch Engineering K.K. provides engineering services, such as development and application for automotive systems. ETAS K.K. develops and provides engineering of development support tools of electrical control units. Bosch Rexroth Corporation develops and manufactures hydraulics, FA module components and other systems which contribute to industrial technologies. Bosch Security Systems Ltd. provides security and communication products and solutions to help secure the safety of lives, buildings and properties, and is also a supplier of professional sound systems. In 2021, Bosch Japan achieved sales to third parties of some 295 billion yen and employed approximately 6,350 associates.

Additional information is available online at

<http://www.bosch.co.jp> Bosch Japan Website (Japanese)

<https://twitter.com/BoschJapan> Bosch Japan Twitter (Japanese)

<https://www.facebook.com/bosch.co.jp> Bosch Japan Facebook (Japanese and English)

<https://www.youtube.com/boschjp> Bosch Japan YouTube (Japanese)

The Bosch Group is a leading global supplier of technology and services. It employs roughly 421,000 associates worldwide (as of December 31, 2022). The company generated sales of 88.2 billion euros in 2022. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 470 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company's future growth is its innovative strength. At 136 locations across the globe, Bosch employs some 85,500 associates in research and development, of which nearly 44,000 are software engineers.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com, [www.twitter.com/BoschPress](https://twitter.com/BoschPress)

Note: one Euro = 137.9900 JPY (Calculated using the average rate in 2022)