

Automated Driving 2026

Engineering Level X
10th International ATZ Conference

18 – 19 March 2026
Frankfurt am Main, Germany



KEYNOTE LECTURES

Kempten University of Applied Sciences //
steuern lenken bauen Projektsteuerung Region Hannover GmbH //
IAV Automotive Engineering (Shanghai) Co. Ltd. // Varroc Poland sp. z o.o.

Engineering Level X

/ TECHNOLOGY STACK

ADAS/AD
Driving functions
Standardization

/ SYSTEM OF SYSTEMS

ODD scenarios
Systems engineering
Safety & security

/ AREAS OF APPLICATION

Private transport
Local public transportation
On-demand solutions

IN FOCUS

Current developments and national
and international customer perspectives



Dr. Alexander Heintzel
Editor-in-Chief
ATZ | MTZ Group, Springer Nature

Welcome

Although the focus in the automotive industry is currently more on powertrain issues, ADAS/AD systems have lost none of their relevance. Not only are they important for road safety and driving comfort, they can also help to make mobility more sustainable through their use of predictive driving strategies.

Local public transportation could become a key driver in this process. For example, on-demand concepts are important in rural areas in order to ensure that mobility remains available to all groups of society. Pioneering projects will soon be ready for implementation in everyday use. Regardless of whether they are offered in a public, commercial, or private context, user acceptance will determine the success or failure of these systems.

The 10th International ATZ Conference on “Automated Driving” is a forum for technology stacks, safety, and security development methodology. It stands for engineering and technologies for automated driving from Level 2+.

We look forward to your participation in the conference.

On behalf of the Scientific Advisory Board

Stay at the cutting edge!

- ✓ Highly relevant technical papers presented by renowned speakers
- ✓ Networking in the international expert community
- ✓ Innovative products and services

Automated Driving

In order to be successful, concepts for future mobility solutions need to be developed from the perspective of user groups, urban and rural regions, and targeted business models. The focus must be on road safety and efficient performance, as well as on ecological, economic, and social aspects. In addition, automated driving functions will sustainably support users.

As an information and communication platform, the international conference “Automated Driving” is dedicated to the key aspects of the mobility transformation.



Scientific Advisory Board

Our Scientific Advisory Board, which is made up of prominent figures from the relevant field, provides support during the planning phase of the conference and helps to identify suitable topics.

With its expertise the board has made a valuable contribution to the choice of themes for the lecture program.



Prof. Dr. Prof. h.c. Dr. h.c. Torsten Bertram
TU Dortmund University

Scientific Director of the Conference

Dr. Thomas Dieckmann
ZF CV Systems Hannover GmbH

Kaweh Feyzi
IAV GmbH

Dr. Robert Fuchs
JTEKT Corporation

Simon Fürst
BMW Group

Dr. Karl-Heinz Glander
Varroc Germany GmbH

Dr. Bernd Hardung
Elektrobit Automotive GmbH

Dr. Alexander Heintzel
Editor-in-Chief ATZ | MTZ Group,
Springer Nature

Dr. Andree Hohm
Aumovio Autonomous Mobility
Germany GmbH

Helge Kiebach
KTI GmbH & Co. KG

Dr. Johannes Liebl
Editor-in-Charge ATZ | MTZ Group,
Springer Nature

Georges Massing
Mercedes-Benz AG

David Münzing
EDAG Engineering GmbH

Jérôme Rigobert
Robert Bosch GmbH

Steffen Schmidt
IPG Automotive GmbH

Tino Schulze
dSPACE GmbH

Walter Schwertberger
MAN Truck & Bus SE

Prof. Andre Seeck
Federal Highway and Transport
Research Institute (BAST)

Dr. Andreas Teuner
ZF Active Safety GmbH

09:15 **Welcome and opening of the conference**
Dr. Alexander Heintzel, Editor-in-Chief ATZ | MTZ Group;
Prof. Dr. Prof. h.c. Dr. h.c. Torsten Bertram,
TU Dortmund University, Germany

09:30 – 10:30

KEYNOTE LECTURES I

Moderation: Prof. Dr. Prof. h.c. Dr. h.c. Torsten Bertram,
Head of RST, TU Dortmund University, Germany

KEYNOTE
09:30 **Customer satisfaction barometer for driver assistance systems – exploring the trade-off between function, trust, and acceptance**
Prof. Bernhard Schick, Head of IFM and CEO, MdynamiX AG, Germany; Prof. Dr. Uwe Stratmann, Research Market and Customers, IFM, both Kempten University of Applied Sciences

KEYNOTE
10:00 **Project Albus – testing an autonomous bus service – experiences, opportunities, and challenges**
Lukas Arndt, Project Manager, steuern lenken bauen Projektsteuerung Region Hannover GmbH, Germany

10:30 Refreshment break with coffee and tea in the exhibition area

11:00 – 12:30

EVALUATION

Moderation: Simon Fürst, Cooperation Manager Automated Driving,
BMW Group, USA

11:00 **Linking real-world data with simulation: handling requirements for the validation of ADAS/AD**
Marco Buller, Business Development Manager,
Automated Driving & Software Solutions, dSPACE GmbH, Germany

11:30 **Getting rid of arbitrariness: utilizing real-world data to derive realistic virtual environments**
Jürgen Frank, Researcher, Mathematics for Vehicle Engineering (MF),
Fraunhofer Institute for Industrial Mathematics (ITWM), Germany

12:00 **Proving ground twins: how reproducible is reproducible enough for automated driving?**
Dr. Nils Katzorke, Program Manager for Test Technology Development, Research & Development, Mercedes-Benz AG, Germany

12:30 Lunch in the exhibition area

14:00 – 16:00

ACCEPTANCE AND LAW

Moderation: Helge Kiebach, Managing Director,
KTI GmbH & Co. KG, Germany

14:00 **“All-weather capability” as a fundamental prerequisite for future autonomous public transport**
Armin Engstle, Site Manager AVL Roding,
AVL Software and Functions GmbH, Germany

14:30 **How does the law on AI – the EU’s AI Act – influence autonomous driving?**
Dr. Jörg Kahler, Lawyer, Partner, GSK Stockmann, Germany

15:00 **Interpersonal security in the context of shared automated vehicles**
Fabian Schlichtherle, Research Assistant, IKTD,
University of Stuttgart, Germany

15:30 **Acceptance and trust in empathic AI assistants for automated driving and future mobile workspaces**
Dr. Johanna Kasper, Customer Relations Manager,
TWT GmbH Science & Innovation, Germany

16:00 Refreshment break with coffee and tea in the exhibition area

16:30 – 17:45

IMPULSE LECTURE AND DISCUSSION

16:30 **Autonomous bus shuttles: new level of service and user acceptance – projects KISM and NoWeL4**
Dr. Wulf-Holger Arndt, Head of Research Mobility and Space,
CTG, Technical University of Berlin, Germany

17:00 **Joint discussion with a fishbowl character**
Moderation: Dr. Alexander Heintzel, Editor-in-Chief ATZ | MTZ Group, Germany

Participants:
Lukas Arndt, steuern lenken bauen Projektsteuerung Region Hannover GmbH, Germany;
Dr. Wulf-Holger Arndt, Technical University of Berlin, Germany;
Simon Fürst, BMW Group, USA;
Prof. Bernhard Schick, Kempten University of Applied Sciences and MdynamiX AG, Germany

17:45 End of the first day of the conference

19:30 **Networking dinner**

08:30 – 09:30

KEYNOTE LECTURES II

Moderation: Dr. Andree Hohm, Head of Autonomous Driving Program, Aumovio Autonomous Mobility Germany GmbH, Germany

KEYNOTE

08:30 Ahead of the curve: China's breakthroughs in highly automated urban mobility

Jiaqi Chai, AD/ADAS Director, IAV Automotive Engineering (Shanghai) Co. Ltd., China

KEYNOTE

09:00 India growing market for ADAS and AD – challenges and opportunities

Ignatio Gil Moreno, Systems and Testing Engineering Manager, Varroc Poland sp. z o.o., Poland

09:30 Refreshment break with coffee and tea in the exhibition area

10:00 – 12:00

KI AND V2X

Moderation: Tino Schulze, Executive Vice President, dSPACE GmbH, Germany

10:00 AI for autonomous driving (AD) needs a solid data platform

Frank Kraemer, Systems Architect, IBM Technology, IBM Deutschland GmbH, Germany

10:30 Certifiable intelligence: regulatory challenges of end-to-end AI in the global autonomous vehicle market

Michael Herdrich, Consultant Autonomous Mobility, P3 Automotive GmbH, Germany

11:00 Modular computing cluster with scalable SoC architecture

Harald Barth, Product Marketing Manager Driving Assistance, Valeo Schalter und Sensoren GmbH, Germany

11:30 Traffic optimization and enhanced safety in software-defined vehicles (SDVs) using V2X communication

Shiva Janarthanan, AD, Senior Engineer, Mercedes-Benz Research & Development India, India

12:00 Lunch in the exhibition area

13:00 – 14:30

PRODUCT SAFETY

Moderation: Jérôme Rigobert, Vice President Product Management Driver Experience for Advanced Driver Assistance Systems, Robert Bosch GmbH, Germany

13:00 Statistical decision errors as a HARA framework for AI-based vehicle systems

Nico Litschke, Safety-System Engineer, FuSE GmbH, Germany

13:30 Quantitative product safety in a nutshell

Dr. Andreas Amoroso, tC Category Matter Specialist PS, Aumovio Germany GmbH, Germany

14:00 NeMo.bil – rural mobility reimaged

Prof. Ulrich Büker, Professor, Institute Industrial IT (inIT), TH OWL University of Applied Sciences and Arts, Germany

14:30 Refreshment break with coffee and tea in the exhibition area

15:00 – 16:30

DRIVING FUNCTIONS

Moderation: Dr. Andreas Teuner, Vice President, ADAS Engineering, ZF Active Safety GmbH, Germany

15:00 Collaborative steering for versatile parking assistance

Dr. Robert Fuchs, ADAS/AD Executive Professional and Head of Systems Innovation Research Department, Research Headquarters, JTEKT Corporation, Japan

15:30 Improving autonomous navigation efficiency using adaptive motion primitives

Max Bretschneider, Advanced Parking, Maneuvering and Simulation, Mercedes-Benz AG, Germany

16:00 Vehicle motion management as a standardized interface for future mobility solutions

Tim Ahrenhold, Functional Developer Chassis Control Systems, IAV GmbH, Germany

16:30 Closing remarks

Dr. Alexander Heintzel, Editor-in-Chief ATZ | MTZ Group, Germany



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**The current conference program
and further information
can be found online:**

www.atzlive.com/audri



Registration fee

€ 1,595.– plus VAT

This includes the conference documentation, the use of the digital event platform as well as the catering during breaks and the evening event on 18-03-2026.

Date

18 – 19 March 2026

Venue

House of Logistics and Mobility (HOLM)
Bessie-Coleman-Straße 7
60549 Frankfurt am Main, Germany

Languages used in the presentations

German and English with simultaneous interpreting
(German – English / English – German)

Hotels

Some hotels have room blocks at reduced prices for the participants.
You can find more information on the events page of our website.

**Further Information
and Online Registration:**www.atzlive.com/audi**Participants**

A conference for decision-makers and experts who

- shape and develop automated driving
- are involved in the cross-cutting topic of V2X
- develop software, algorithms, DevOps, and tools
- are involved in the development of new vehicle and interior concepts

at car and commercial vehicle manufacturers, suppliers, and engineering service providers as well as in research and education and at consulting companies and organizations.

**Further Information
and Online Registration:**www.atzlive.com/audi**Automated Driving 2026**

18 – 19 March 2026, Frankfurt am Main, Germany

Your contact partner

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Organizer**ATZlive** // Spotlight on Powertrain and Vehicle Engineering

Our events are firm fixtures in the diaries of automotive engineers and powertrain specialists. We offer a range of innovative conferences on the latest topics in the world of automotive engineering and powertrain technology, from the perspective of research, development, and applications.

Our close collaboration with the editorial teams of our specialist magazines ATZ and MTZ keeps us fully up-to-date on the latest topics and trends on the market.

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