

## chassis.tech plus 2026

4 congresses in one event

23 – 24 June 2026  
Munich, Germany  
or virtually via live stream

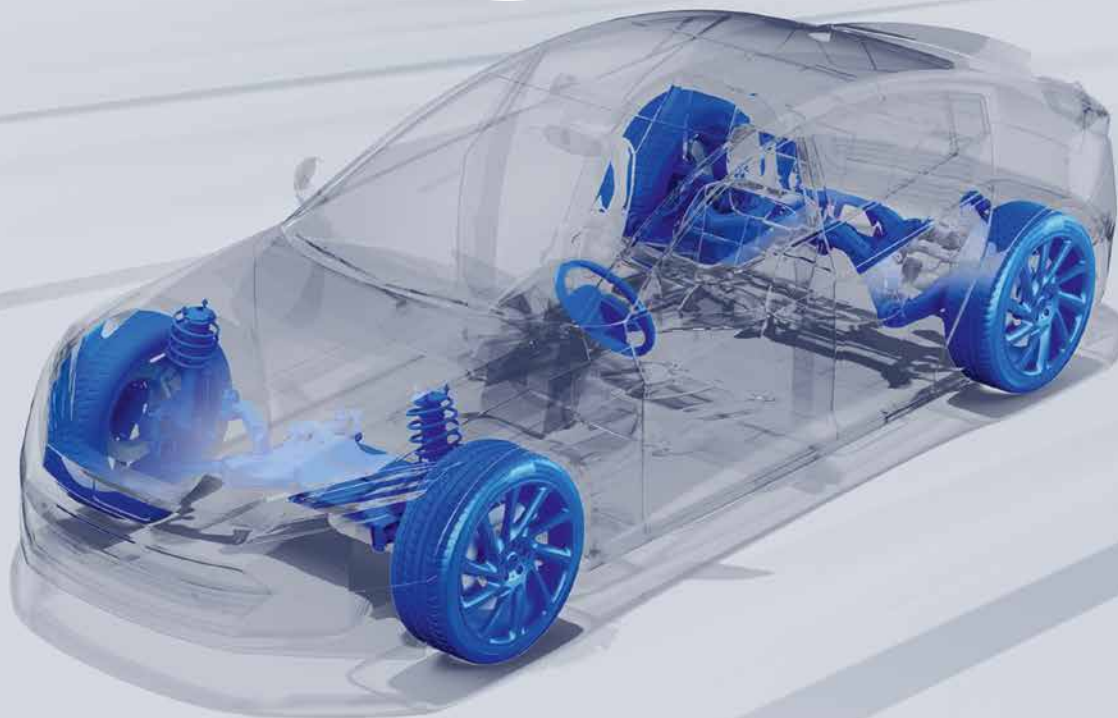
## chassis.tech<sup>plus</sup>

chassis.tech  
steering.tech  
brake.tech  
tire.wheel.tech

**Hybrid event**

**Your choice:**

Participate on site  
or virtually via  
live stream



### KEYNOTE LECTURES

AUDI AG / BMW AG / Hyundai Motor Group /  
Kempten University of Applied Sciences / Li Auto Inc. / Mercedes-Benz AG



# ONE FOR ALL

## 4 congresses in one event

### / chassis.tech plus

A holistic understanding of chassis integration into the car – closely interconnecting chassis development processes with the innovation areas of automated driving and electric mobility

Designing chassis components that are tailored to the vehicle – more intensive interlinking of components, modules, and systems

### / chassis.tech

Smart chassis solutions – using digital tools, simulators, and testing in a targeted manner to improve driving characteristics

### / steering.tech

Modern steering systems – creating compact and adaptive solutions for intuitive steering behavior, steer-by-wire, redundancy, and functional safety

### / brake.tech

Future-proof braking technologies – integrating brake-by-wire, recuperation, and Euro 7 conformity into an environmentally friendly development process

### / tire.wheel.tech

Innovative tires and wheels – optimizing development processes for dynamic performance and safe mobility



**Prof. Dr. Peter E. Pfeffer**  
Hochschule München University of Applied Sciences  
Scientific Director of the Symposium

## Welcome

Two megatrends are impacting chassis systems in various ways. Both developments in automated driving and the electrification of the drive system are further advancing innovation in chassis technology. X-by-wire technologies, AI tools, and over-the-air updates will increasingly be used for this, also with the aim of creating the software-defined vehicle. Integrating the technology of suspension, steering, and braking systems into that of the vehicle as a whole will result in assistance systems that will further improve support for the driver. Future aspects such as sustainability, lightweight design, and the reduction of particulate emissions will be implemented in state-of-the-art products.

Development departments are accelerating the product design process by using artificial intelligence, innovative testing methods, and driving simulators. This is leading to numerous innovations in performance, driving enjoyment, usability, and ride comfort. At the same time, reliability, dynamics, quality, and efficiency will continue to form the basis for the next generation of intelligent chassis systems.

The 17th International Munich Chassis Symposium chassis.tech plus brings together numerous experts in suspension systems, steering, brakes, wheels/tires, and automated driving to enable them to expand their knowledge, exchange information, and take part in discussions.

You can look forward to six exciting keynote lectures, 50 specialist papers, and valuable contact with international industry leaders. We warmly welcome you to the symposium – either at the Bayerischer Hof in Munich or via our live stream – and hope you enjoy an inspiring event.

## 17TH INTERNATIONAL MUNICH CHASSIS SYMPOSIUM

**The choice is yours: attend on site or virtually via live streams of all sessions.**

### Stay at the cutting edge!

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

**One for all – 4 congresses in one event**

The International Munich Chassis Symposium with its accompanying trade exhibition is the key worldwide meeting place for the chassis community in the fields of the chassis, steering, brakes, and tires/wheels.

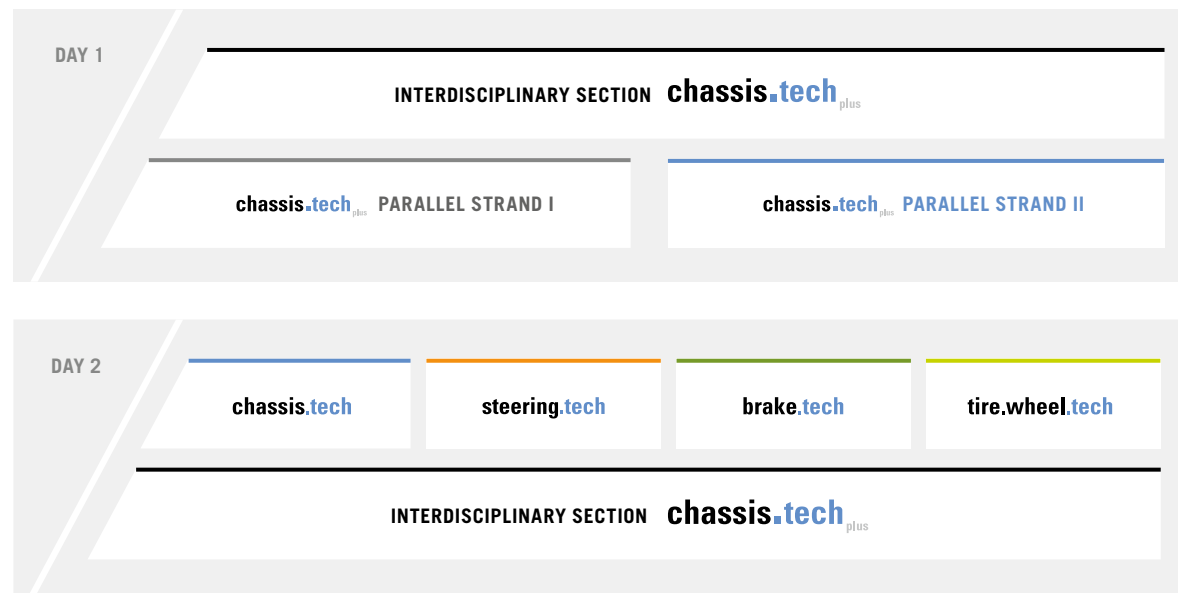
The 1st day will be taken up by the interdisciplinary section chassis.tech plus with keynote lectures in the morning and two parallel sessions of lectures in the afternoon.

The symposium will focus on overriding issues relating to vehicle dynamics and automated driving, before dividing up on the 2nd day into the following four parallel sections concentrating on the chassis, steering, brakes, and tires/wheels:

- chassis.tech
- steering.tech
- brake.tech
- tire.wheel.tech

In the afternoon, the parallel sections will merge together again for the interdisciplinary section chassis.tech plus with further keynote lectures.

The 2026 symposium features an interactive panel discussion with the title "In the age of automated driving: How important is the driving experience (still)?" and examines key technology and market trends that set the course for future chassis systems. The focus is on innovation to improve the driving experience and performance as well as opportunities and challenges in the growth markets of India and China. Other main topics include advances in steel, aluminum, and additive manufacturing. New development methods, automation, and AI will result in products with better performance and provide significant time savings.



Accompanying trade exhibition on both days

**Accompanying exhibition**

Throughout the entire conference, the accompanying exhibition will take place in the foyers on site and virtually in the digital event platform. Manufacturers and suppliers from the automotive industry will present innovative products and services in the field of chassis technology to the specialist audience.

**Participants**

- Manufacturers of passenger cars and commercial vehicles and their suppliers
- Development service providers
- Universities and research institutes
- Manufacturers of measuring, testing, and simulation systems
- Authorities, associations, and testing institutes

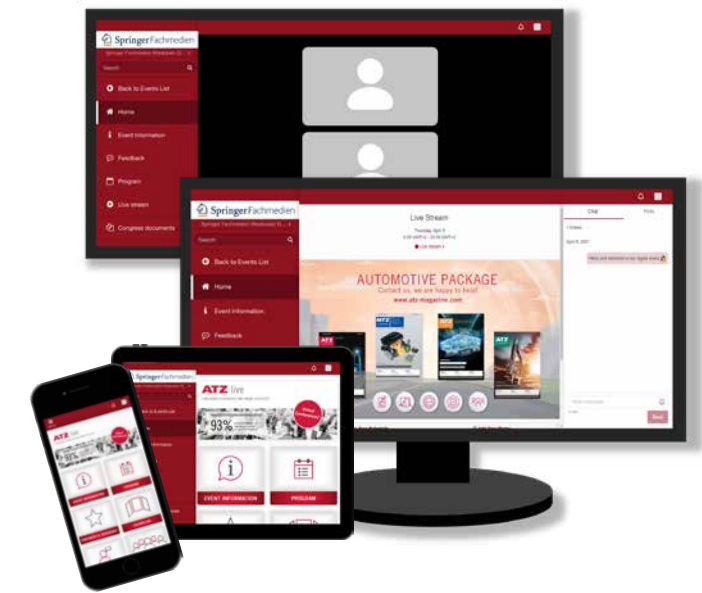
**chassis.tech plus 2026 as a hybrid event**

**The choice is yours: attend on site or virtually via live streams**

The streaming package includes the keynote lectures and all lectures of the two parallel strands on the 1st day as well as the four parallel sections on the 2nd day as live streams.

The digital event platform offers you

- Q&A feature in the live streams
- 1:1 video chats with attendees, exhibitors, and speakers
- live polls
- your personal program overview
- a virtual exhibition
- all available conference documents in one place for download
- as well as other useful functions



**Evening reception in the banquet hall of the Hofbräu Keller am Wiener Platz**

**Tuesday, 23 June 2026, from 6:30 p.m. at the Hofbräu Keller, Innere Wiener Straße 19, 81667 Munich**

Enjoy a cozy evening in one of the world's most famous breweries. We cordially invite you to an evening of Bavarian specialties. In addition to traditional delicacies and freshly tapped beer, you can look forward to lively conversations among experts and colleagues.

Hofbräu was founded in 1589, and since 1607, the traditional Hofbräu Keller has been located on Munich's "Platzl" square. Hofbräu has been making history for 400 years, whether through its participation in the first Oktoberfest in 1810 or its state-of-the-art climate-friendly brewing facilities in Munich.

**Look forward to a Bavarian evening in a welcoming atmosphere.**





**Prof. Dr. Peter E. Pfeffer**  
Hochschule München  
University of Applied Sciences

Scientific Director of the Symposium,  
Head of chassis.tech plus section



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



**Michael Reichenbach**  
Vice Editor-in-Chief ATZ,  
Springer Nature

**Keynote lectures**

In their keynote lectures, renowned speakers from the industry will provide forward-looking insights that go beyond the technical contents and illuminate the current issues from many different perspectives. In this way, the lectures, with their international focus, will be particularly important as a trend barometer for the conference.

**TUESDAY, 23-06-2026 // MORNING // FESTSAAL**



**KEYNOTE**

09:30

**Dr. Manfred Harrer,**  
Head of R&D Division /  
President, Hyundai Motor  
Group, South Korea

**Genesis Magma –  
refined driving performance**



**KEYNOTE**

11:10

(from l. to r.)  
**Prof. Bernhard Schick,**  
Head of Institute for Driver Assistance and Connected  
Mobility (IFM), Kempten University of Applied Sciences,  
and CEO, MdynamiX AG, Germany;  
**Prof. Dr. Uwe Stratmann,**  
Research Market and Customers, Institute for  
Driver Assistance and Connected Mobility (IFM),  
Kempten University of Applied Sciences, Germany

**Customer satisfaction barometer for driver assistance systems –  
exploring the trade-off between function, trust, and acceptance**



**KEYNOTE**

09:55

**Ralph Michalski,**  
Senior Manager, Steering  
Systems Development,  
Mercedes-Benz AG,  
Germany

**Development of steer-by-wire  
for the Mercedes-Benz EQS**



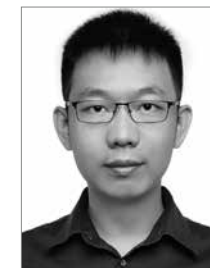
**KEYNOTE**

11:35

**Dr. Daniela Kern,**  
Senior Vice President Sensor Technology,  
Integration Control Units, Modular System  
for Automated Driving, BMW AG, Germany

**Symbiotic Drive: driving dynamics meets next-gen ADAS**

**WEDNESDAY, 24-06-2026 // AFTERNOON // FESTSAAL**



**KEYNOTE**

15:15

**Dr. Keyan Liu,**  
Control Expert, Team Lead  
of Suspension Control  
Software Development,  
Li Auto Inc., China

**Innovating at the core:  
Li Auto's chassis development evolution**



**KEYNOTE**

15:45

**Prof. Dr. Martin Schuster,**  
Head of Product Line SSP4 / SDV Project Lead  
Driving Systems, AUDI AG, Germany

**How China sets trends in assisted and  
autonomous driving – and how we respond**

Our four Scientific Advisory Boards, which are made up of prominent experts in their respective fields, provide support during the planning phase of the conference and help to identify suitable topics.

**chassis.tech**



**Martin Schwarz**  
BMW Group  
Head of chassis.tech section

**Klaus Baltruschat**  
TÜV SÜD Product Service GmbH

**Prof. Dr. Lutz Eckstein**  
RWTH Aachen University

**Kenneth Ekström**  
Volvo Car Corporation, Sweden

**Dr. Christoph Elbers**  
ZF Group

**Dr. Christian Hartweg**  
Opel Automobile GmbH

**Prof. Hideo Inoue**  
Kanagawa Institute of Technology,  
Japan

**Dr. Thomas Kersten**  
Volkswagen AG

**Heinz Müllner**  
MAN Truck & Bus SE

**Dr. Marcus Perner**  
IAV GmbH

**Prof. Bernhard Schick**  
Kempten University of  
Applied Sciences

**Timo Schöning**  
Hyundai Motor Europe  
Technical Center GmbH

**steering.tech**



**Dr. Christoph Bittner**  
Dr. Ing. h.c. F. Porsche AG  
Head of steering.tech section

**Stéphane Cassar**  
ZF Group

**Frank Esser**  
Ford-Werke GmbH

**Dr. Robert Fuchs**  
JTEKT Corporation, Japan

**Roland Greul**  
Robert Bosch  
Automotive Steering GmbH

**Hans Joachim Kieserling**  
Mercedes-Benz AG

**Tobias Linke**  
TRATON R&D Germany GmbH

**Bertram Möller**  
Nexteer Automotive Germany GmbH

**Prof. Dr. Manfred Plöchl**  
Vienna University of Technology,  
Austria

**Kristof Polmans**  
thyssenkrupp Presta AG,  
Liechtenstein

**Dr. Matthias Schölzel**  
BMW Group

**Dr. Yasuji Shibahata**  
Astemo, Ltd., Japan

**Dr. Christian Strümpfer**  
Joyson Safety Systems  
Aschaffenburg GmbH

**brake.tech**



**Alexander Gaedke**  
Robert Bosch GmbH  
Head of brake.tech section

**Moritz Bolay**  
Mercedes-Benz AG

**Prof. Dr. Eberhard Drechsel**  
formerly Hochschule München  
University of Applied Sciences

**Dr. Falk Hecker**  
Knorr-Bremse Commercial  
Vehicle Systems GmbH

**Dennis John**  
TRATON R&D Germany GmbH

**Prof. Dr. Giampiero Mastinu**  
Politecnico di Milano, Italy

**Prof. Dr. Ralph Mayer**  
TU Chemnitz

**Alexander Prahst**  
Dr. Ing. h.c. F. Porsche AG

**Dr. Albert Schlecht**  
AUDI AG

**Dr. Ralf Stroph**  
BMW Group

**Prof. Dr. Rüdiger Tiemann**  
htw saar

**Dr. Thorsten Ullrich**  
AUMOVIO Germany GmbH

**tire.wheel.tech**



**Ralf Schweizer**  
AUDI AG  
Head of tire.wheel.tech section

**Stephane Bertoldi**  
Michelin Reifenwerke AG & Co. KGaA

**Stefan Dittmar**  
TÜV SÜD Product Service GmbH

**Ralf Duning**  
Maxion Wheels Holding GmbH

**Dr. Michael Frey**  
Karlsruhe Institute of Technology  
(KIT)

**Prof. Patrick Gruber**  
University of Surrey, UK

**Klaus Krause**  
Hankook Tire & Technology Co., Ltd.

**Isao Kuwayama, PhD**  
Bridgestone Corporation, Japan

**Prof. Dr. Günter Leister**  
tire.wheel.mobility solutions

**Michael Staude**  
TÜV SÜD Product Service GmbH

**Edwin van der Stad**  
Nexen Tire Europe s.r.o.

**Prof. Dr. Andreas Wagner**  
University of Stuttgart

**Prof. Dr. Burkhard Wies**  
Continental Reifen Deutschland  
GmbH

- 08:00 **Registration at the check-in for on-site participants**
- 09:00 **Start of the live stream for virtual participants**
- 09:15 **Welcome and opening**  
Dr. Alexander Heintzel, Editor-in-Chief ATZ | MTZ Group, Springer Nature;  
Prof. Dr. Peter E. Pfeffer, Automotive Engineering,  
Hochschule München University of Applied Sciences

09:30 – 10:20, CHASSIS.TECH PLUS SECTION – Festsaal

**KEYNOTE LECTURES I**Moderation: Prof. Dr. Peter E. Pfeffer, Automotive Engineering,  
Hochschule München University of Applied Sciences

- KEYNOTE**  
09:30 **Genesis Magma – refined driving performance**  
Dr. Manfred Harrer, Head of R&D Division / President, Hyundai Motor Group,  
South Korea
- KEYNOTE**  
09:55 **Development of steer-by-wire for the Mercedes-Benz EQS**  
Ralph Michalski, Senior Manager, Steering Systems Development, Mercedes-Benz AG  
[in cooperation with ZF Active Safety GmbH], Germany

10:20 Opening of the accompanying trade exhibition and refreshment break in the exhibition area

11:10 – 12:00, CHASSIS.TECH PLUS SECTION – Festsaal

**KEYNOTE LECTURES II**Moderation: Prof. Dr. Peter E. Pfeffer, Automotive Engineering,  
Hochschule München University of Applied Sciences

- KEYNOTE**  
11:10 **Customer satisfaction barometer for driver assistance systems – exploring the trade-off between function, trust, and acceptance**  
Prof. Bernhard Schick, Head of Institute for Driver Assistance and Connected Mobility (IFM), Kempten University of Applied Sciences, and CEO, MdynamiX AG, Germany;  
Prof. Dr. Uwe Stratmann, Research Market and Customers, Institute for Driver Assistance and Connected Mobility (IFM), Kempten University of Applied Sciences, Germany
- KEYNOTE**  
11:35 **Symbiotic Drive: driving dynamics meets next gen ADAS**  
Dr. Daniela Kern, Senior Vice President Sensor Technology, Integration Control Units, Modular System for Automated Driving, BMW AG, Germany

12:00 – 12:45, CHASSIS.TECH PLUS SECTION – Festsaal

**INTERACTIVE PANEL DISCUSSION:****In the age of automated driving:  
How important is the driving experience (still)?**Moderation: Prof. Dr. Peter E. Pfeffer, Automotive Engineering,  
Hochschule München University of Applied Sciences;  
Dr. Alexander Heintzel, Editor-in-Chief ATZ | MTZ Group, Springer Nature

12:45 Lunch in the exhibition area

**PARALLEL STRAND I**

14:00 – 15:30, PARALLEL STRAND I – Festsaal

**MARKET AND TECHNOLOGY TRENDS**Moderation: Klaus Baltruschat, Head of Sales,  
Strategic Account Manager, TÜV SÜD Product Service GmbH

- 14:00 **Automotive development in India: opportunities and challenges in this fastest growing market in the world**  
Srinivasan Ramanathan, Managing Director,  
Automotive Test Systems (ATS), India
- 14:30 **Integration of chassis-by-wire components within emerging E/E architectures**  
Patricio Barbale, Chassis Manager, S&P Global Mobility, Italy
- 15:00 **On the road to by-wire**  
Nico Pflüger, Senior Project Manager  
By-Wire-Braking,  
Jonathan Schnur, Senior Project Manager  
By-Wire-Braking, Robert Bosch GmbH, Germany

15:30 Refreshment break with coffee and tea in the exhibition area

16:00 – 18:00, PARALLEL STRAND I – Festsaal

**NEXT-LEVEL SUSPENSION SYSTEMS**Moderation: Heinz Müllner, Senior Vice President Engineering  
Complete Vehicle Truck, Individual Truck & Special Vehicles,  
MAN Truck & Bus SE

- 16:00 **Dynamic Chassis Control pro – suspension control reaching the next level with dual valve technology**  
Stefan Kukla, Senior Project Manager DCC Systems,  
Volkswagen AG, Germany;  
Pedro Armendariz, Technical Centre General Manager,  
KYB Europe GmbH, Germany
- 16:30 **Next-generation full active suspension: innovative electro-mechanical rotary system**  
Kadir Oguzcan Ger, Senior Engineer, Engineering Design,  
Lorenzo Falchi, Advanced Engineer, Virtual Vehicle  
Development, Hyundai Motor Europe Technical Center GmbH,  
Germany [in cooperation with Hyundai Motor Company,  
South Korea; Marelli Suspension Systems S.p.A., Italy]
- 17:00 **Analysis of suspension concepts for roll and heave decoupling with application to an FSA cage spring-damper system**  
Prof. Dr. Thomas Schmitz, Professor, Institute of Vehicle  
Systems Engineering (IFS), Ulm Technical University of  
Applied Sciences, Germany [in cooperation with  
International Hellenic University, Greece]
- 17:30 **Beyond air suspension – the next-generation of adaptive off-road chassis control**  
Boris Kirchner, Managing Director, TRE GmbH [in cooperation  
with HEMSCHIEDT Fahrwerktechnik GmbH & Co. KG], Germany

18:30 **Evening reception at the Hofbräukeller am Wiener Platz** **NEW**  
Enjoy interesting conversations with colleagues and speakers in a pleasant atmosphere.**PARALLEL STRAND II**

14:00 – 15:30, PARALLEL STRAND II – Palaishalle

**INNOVATIVE CHASSIS TECHNOLOGY**Moderation: Prof. Bernhard Schick,  
Head of Institute for Driver Assistance and Connected Mobility (IFM),  
Kempten University of Applied Sciences

- 14:00 **From concept to reality, on the way to develop a vehicle-applicable corner module for future mobility**  
Hakyung Moon, Senior Research Engineer, Advanced Drive  
Concept Development Team, Hyundai Motor Company,  
South Korea
- 14:30 **Pollutant- and maintenance-free brakes for an electric traction system**  
Dr. Kiarash Sabzewari, Head of Center of Competence  
Electric Machines & Drive Systems, Schaeffler AG, Germany
- 15:00 **Steer-by-wire solution for wide-scale deployment**  
Arnaud Dessirieux, Front Loading, R&D Coordination Manager,  
Check Ballo, Key Account Manager,  
JTEKT European Operations, France

16:00 – 18:00, PARALLEL STRAND II – Palaishalle

**STEEL, ALUMINUM, AND ADDITIVE MANUFACTURING  
BREAKTHROUGHS**Moderation: Dr. Marcus Perner, Senior Technical Consultant  
Intelligent Vehicle Motion and Safe Mobility, IAV GmbH

- 16:00 **Lightweight design of a BEV front subframe with a new steel grade dedicated to chassis components**  
Malick Thiam, Research Engineer, Automotive Applications,  
ArcelorMittal, France
- 16:30 **New vehicle concepts require alternative chassis components**  
Pascal Fischer, Senior Manager Gifhorn, TRE GmbH,  
Germany;  
Claudia Frick, Technical Sales, Hirschvogel Umformtechnik  
GmbH, Germany
- 17:00 **Enabling the potential of additive manufacturing for the next generation of mobility**  
Silvia Cecchel, Innovation Engineer, Streparava S.p.A., Italy
- 17:30 **How to achieve a low CO<sub>2</sub> footprint in aluminum foundry alloys for chassis applications**  
Leonhard Heusler, Customer Technical Support  
Foundry Alloys, Hydro Aluminium Deutschland GmbH  
[in cooperation with Hydro Aluminium AS, Norway;  
Ronald GmbH], Germany

**chassis.tech**

08:30 – 10:00, CHASSIS.TECH SECTION – Palaishalle

**NEW DESIGN AND DEVELOPMENT METHODS**

Moderation: Martin Schwarz, Head of Development Steering Gear Upper Midsize Class, Luxury Class, Rear Axle Steering, BMW Group

- 08:30 Kinematic design of a drift vehicle through simulation of stability and controllability**  
Kai Hergenröther, Research Associate, Institute for Automotive Engineering (ika), RWTH Aachen University, Germany
- 09:00 Development of a chassis control system test environment using ViLS technology**  
Dr. Yong-Sub Yi, Senior Research Engineer, Driving Performance Technology Team, Hyundai Motor Company, South Korea
- 09:30 Holistic validation and test strategies, using the example of steer-by-wire systems**  
Dr. Alexander Ahlert, Lead Consultant, Strategic Consulting & Engineering, IPG Automotive GmbH, Germany

**steering.tech**

08:30 – 10:00, STEERING.TECH SECTION – Festsaal

**SAFETY AND RELIABILITY**

Moderation: Prof. Dr. Manfred Plöchl, Institute of Mechanics and Mechatronics, Vienna University of Technology

- 08:30 ISO 19725 – a new standard for steer-by-wire systems**  
Alexander Ein Waldt, Technical Expert Steering Systems, Ford-Werke GmbH, Germany
- 09:00 Steer-by-wire safety concept incl. vehicle-level fallbacks for maximum safety and availability**  
Andreas Beicht, Safety Expert Steer-by-Wire, Mercedes-Benz AG, Germany
- 09:30 Prognostics for enhanced safety and reliability in steering systems**  
Peter Schmitt, Product Line Executive Director for Software Products, Nexteer Automotive Corp., USA

**brake.tech**

08:30 – 10:00, BRAKE.TECH SECTION – Fürstensalon

**NEW SYSTEMS AND ARCHITECTURES**

Moderation: Dr. Thorsten Ullrich, Head of EWB System Engineering Core, Principal Expert Brake System Architecture and Technologies, AUMOVIO Germany GmbH

- 08:30 Concept and system integration for an emission-free drive and brake module**  
Lucca Melander Swindt, Development Engineer, Development Drive System, AUDI AG, Germany;  
Andreas Promberger, Head of R&D, Miba Friction Group, Austria [in cooperation with Robert Bosch GmbH, Germany]
- 09:00 In-wheel drive units with integrated brakes in real world operation: integration, NVH behavior, and vehicle dynamics characteristics of a Drive Brake Unit integrated into a Tesla Model 3**  
Francesco Mondelli, Vehicle Integration Project Lead, DeepDrive GmbH [in cooperation with AUMOVIO AG], Germany
- 09:30 Reactive dual-stage ABS: in-wheel motor high-frequency slip control and mechanical brake blending**  
Tomaž Kompara, Vehicle Motion Control Team Lead, Elaphe Propulsion Technologies Ltd., Slovenia

**tire.wheel.tech**

08:30 – 10:00, TIRE.WHEEL.TECH SECTION – Königssaal

**INNOVATION IN CONTROL AND SIMULATION**

Moderation: Ralf Schweizer, Head of Development Wheels, Tires, Tire Pressure Monitoring Systems, AUDI AG

- 08:30 Enhancing on-center feeling and straight-line stability simulation**  
Frederic Spetler, Business Leader MICHELIN SIMIX Simulation Platform, Manufacture Française des Pneumatiques Michelin, France
- 09:00 Friction-aware AEB: integrating tire intelligence for enhanced braking performance**  
Dr. Seyed Amin Sajadi Alamdari, Senior Research Engineer, Tire Intelligence Department, The Goodyear Tire & Rubber Company, Luxembourg [in cooperation with Netherlands Organization for Applied Scientific Research (TNO), Netherlands]
- 09:30 Tire road friction measurement unit for predictive estimation of traction behavior**  
Timon Schlögl, Academic Researcher, Institute of Vehicle System Technology (FAST), Karlsruhe Institute of Technology (KIT) [in cooperation with Schaeffler Technologies AG & Co. KG], Germany

10:00 Refreshment break with coffee and tea in the exhibition area

10:30 – 12:00, CHASSIS.TECH SECTION – Palaishalle

**ARTIFICIAL INTELLIGENCE**

Moderation: Dr. Daniel Wegener, Head of Chassis &amp; NVH, fka GmbH

- 10:30 Optimizing vehicle suspension design using AI**  
Steve Miller, Simscape Product Manager, The MathWorks GmbH, Germany
- 11:00 Hardware-aware deep reinforcement learning for scalable integrated chassis control**  
Joshua Sneed, Postgraduate Researcher, School of Engineering, University of Surrey, UK;  
Demijan Jurić, Technical Expert Chassis & Driving Functions, AVL-AST d.o.o., Croatia [in cooperation with AVL List GmbH, Austria]
- 11:30 Objectification of vehicle behavior in closed-loop driving maneuvers using AI driver models**  
Dr. Tim Ahrenhold, Functional Developer Chassis Control Systems, IAV GmbH, Germany

10:30 – 12:00, STEERING.TECH SECTION – Festsaal

**EVALUATION AND VALIDATION**

Moderation: Bertram Möller, R&amp;D Director EMEASA &amp; Managing Director, Nexteer Automotive Germany GmbH

- 10:30 Optimizing the shape of a new input device, considering the anatomical situation of elderly people**  
Takafumi Ojio, Engineer, Next Generation Chassis System Department, Astemo, Ltd., Japan;  
Masayoshi Kimura, Technical Manager, Research and Development, Astemo Europe GmbH, Germany
- 11:00 Steering feel simulation for driver-in-the-loop applications**  
Matthias Becker, Head of Technology, MdynamiX AG [in cooperation with Hochschule München University of Applied Sciences], Germany
- 11:30 Fallback assessment of the new Mercedes-Benz steer-by-wire system with a vehicle dynamics cluster HiL**  
Gopinathan Surendran, Vehicle Dynamics HiL Testing, Mercedes-Benz AG, Germany

10:30 – 12:00, BRAKE.TECH SECTION – Fürstensalon

**BRAKE WEAR AND EMISSIONS**

Moderation: Dr. Falk Hecker, Vice President Engineering Brake Control, Knorr-Bremse Commercial Vehicle Systems GmbH

- 10:30 Brake emissions under control: from regulation to system-level solutions**  
Bernd Grojer, Integration Engineer Brake Systems, AVL List GmbH, Austria
- 11:00 Analysis of the sampling position with regard to PM10 transport efficiency in HDV brake emission tests**  
Dr. Hartmut Niemann, Research Application Engineer, Link Engineering Company GmbH, Germany
- 11:30 Predictive maintenance in practice: how to use virtual sensors to enhance chassis reliability and aftersales performance**  
Christoph Loytved, Product Manager, COMPREDICT GmbH, Germany;  
Matthias Pfenning, Product Manager Connected Customer Services Wear & Tear, Mercedes-Benz AG, Germany

10:30 – 12:00, TIRE.WHEEL.TECH SECTION – Königssaal

**VIRTUAL SENSORS**

Moderation: Prof. Patrick Gruber, Professor in Advanced Vehicle Systems Engineering, School of Mechanical Engineering Sciences, University of Surrey

- 10:30 Next-generation chassis intelligence through virtual sensor technology**  
Guillaume Desnouvaux, Product Manager Virtual Sensors, COMPREDICT GmbH, Germany
- 11:00 Innovative virtual sensor for aquaplaning detection and tire wear estimation**  
Dr. Luca Massano, Vehicle Dynamics Engineer, Easyrain i.S.p.A., Italy
- 11:30 Robust virtual sensor technologies: from nonlinear optimization to physics-informed machine learning**  
Dr. Jérémy Vayssettes, CTO – Michelin Tire Digital Twin, Ph.D. Hugo Koide, Technical Leader in Sensor Fusion and Signal Processing, Manufacture Française des Pneumatiques Michelin, France

12:00 Lunch in the exhibition area

**chassis.tech**

13:15 – 14:45, CHASSIS.TECH SECTION – Palaishalle

**DRIVING EXPERIENCE**

Moderation: Timo Schöning, Head of Department Test, Hyundai Motor Europe Technical Center GmbH

- 13:15 Driving experience – best practice subjective evaluation process compliant to SAE J1441**  
Alessandro Contini, Doctoral Candidate, Institute of Mechanics and Mechatronics, Vienna University of Technology, Austria [in cooperation with Hochschule München University of Applied Sciences; Kempten University of Applied Sciences; MdynamiX AG, Germany]
- 13:45 Digital vehicle dynamics**  
Dr. Volker Ewald, Expert Chassis Software, Lotus Tech Innovation Centre GmbH, Germany
- 14:15 Driving dynamics evaluation of structural stiffnesses using Adams Real Time on a driving simulator**  
Dr. Andreas Apel, Head, Virtual Design & Validation Vehicle Dynamics – Chassis Systems Development, Volkswagen AG [in cooperation with VI-grade GmbH], Germany

**steering.tech**

13:15 – 14:45, STEERING.TECH SECTION – Festsaal

**NEW PRODUCTS AND INNOVATIONS**

Moderation: Kristof Polmans, Vice President Research &amp; Advanced Development, thyssenkrupp Presta AG

- 13:15 Tandem pinion electric power steering**  
Jarosław Bujak, Rack & Pinion Mesh Design Specialist, Grzegorz Piwowarski, Specialist for Housing Design of the Steering Gear and I-Shaft, Nexteer Automotive Poland Sp. z o.o., Poland
- 13:45 Preparing a direct drive force-feedback actuator with MR technology for mass production**  
Fabian Dreyer, Technical Project Manager Hand-Wheel Actuator, Schaeffler Technologies AG & Co. KG; Günter Hofer, Manager Simulation, Schaeffler Automotive Buehl GmbH & Co. KG, Germany
- 14:15 Knorr-Bremse EPS – first high-volume EPS for heavy-duty commercial vehicles in the market**  
Tobias Edel, Manager Electric Power Steering, Knorr-Bremse Commercial Vehicle Systems GmbH, Germany

**brake.tech**

13:15 – 14:45, BRAKE.TECH SECTION – Fürstensalon

**VIRTUAL DEVELOPMENT AND ELECTRO-MECHANICAL BRAKE SOLUTIONS**

Moderation: Prof. Dr. Ralph Mayer, Head of Professorship Vehicle Systems Design, Institute for Automotive Research, Chemnitz University of Technology

- 13:15 Method to compare the reliability of hydraulic brake systems vs dry brake systems**  
Martin Baechle, Head of Electric Wheel Brake System Engineering, AUMOVIO Germany GmbH, Germany
- 13:45 Electro-hydraulic brake-by-wire (EHB): achieving EMB-level performance without the dry compromise**  
Roger Perthen, CEO, LSP Innovative Automotive Systems GmbH, Germany
- 14:15 The development and volume production of a full EMB system**  
Yundong Li, EMB Chief Engineer, Bethel Automotive Safety Systems Co., Ltd., China

**tire.wheel.tech**

13:15 – 14:45, TIRE.WHEEL.TECH SECTION – Königssaal

**TIRE EVALUATION AND RIM DESIGN**

Moderation: Stefan Dittmar, Head of Wheels, TÜV SÜD Product Service GmbH

- 13:15 Tire performance target definition through CDTire and DiL for enhanced vehicle dynamics development**  
Joan Monill Badell, Vehicle Dynamics Engineer, Applus IDIADA Group, Spain [in cooperation with Mahindra & Mahindra Ltd., India]
- 13:45 Robust by design: virtual tire evaluation for autonomous mobility platforms**  
Dr. Christian Gerendt, Senior Engineer Tire Simulation for Passenger Cars and Light Trucks, Continental Reifen Deutschland GmbH, Germany
- 14:15 DYMAG BX-F Carbon Wheel Technology: delivering unmatched performance, modularity, and market differentiation**  
Benedikt Imöhl, Head of Engineering, DYMAG Technologies Limited, Germany [in cooperation with DYMAG Technologies Limited, UK]

14:45 Refreshment break with coffee and tea in the exhibition area

**chassis.tech** plus

15:15 – 16:15, CHASSIS.TECH PLUS SECTION – Festsaal

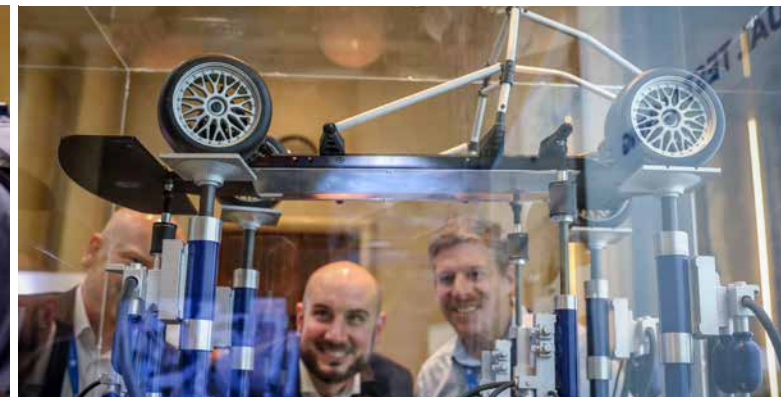
**KEYNOTE LECTURES III**

Moderation: Prof. Dr. Peter E. Pfeffer, Automotive Engineering, Hochschule München University of Applied Sciences

- 15:15 KEYNOTE Innovating at the core: Li Auto's chassis development evolution**  
Dr. Keyan Liu, Control Expert, Team Lead of Suspension Control Software Development, Li Auto Inc., China
- 15:45 KEYNOTE How China sets trends in assisted and autonomous driving – and how we respond**  
Prof. Dr. Martin Schuster, Head of Product Line SSP4 / SDV Project Lead Driving Systems, AUDI AG, Germany
- 16:15 Closing remarks**  
Prof. Dr. Peter E. Pfeffer, Automotive Engineering, Hochschule München University of Applied Sciences;  
Dr. Alexander Heintzel, Editor-in-Chief ATZ | MTZ Group, Springer Nature

The current program is also available online:

[www.atzlive.com/chassis](http://www.atzlive.com/chassis)



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**The following exhibitors have already registered:**

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|--|--------------------------------------|
| AB Dynamics                                  | IPG Automotive GmbH                  |
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| Astemo Europe GmbH                           | MdynamiX AG                          |
| CompActive GmbH                              | Nexteer Automotive Germany GmbH      |
| COMPREDICT GmbH                              | Oiles Deutschland GmbH               |
| Dassault Systèmes Deutschland GmbH           | PMG Holding GmbH                     |
| Gabriel Europe Engineering Center            | PSS Steering AG                      |
| Genesis Motor Europe GmbH                    | Qingdao Carflex Auto Parts Co., Ltd. |
| High Tech Coatings GmbH a Miba Group Company | Renesas Electronics                  |
| Hirschvogel Group                            | Rollax GmbH & Co. KG                 |
| HOERBIGER Automotive Komfortsysteme GmbH     | Springer Professional                |
| IAMT Engineering GmbH & Co. KG               | Streparava S.p.A.                    |
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| INVENTUS Development GmbH                    | Vector Informatik GmbH               |
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**Registration fee**

**Participation on site**

€ 1,745.– plus VAT

This includes the conference documentation, the accompanying trade exhibition, the use of the digital event platform, as well as the catering during breaks and the evening event on 23-06-2026.

**Participation virtually via live stream**

€ 995.– plus VAT

This includes the conference documentation as well as the use of the digital event platform with virtual exhibition.

Participants can change between the parallel sections at any time for both participation variants.

University members of the IAVSD receive a 50 % discount on the registration fee.

**Languages used in the presentations**

On site: German and English with simultaneous interpreting (German – English / English – German)

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English original or from simultaneous interpreting



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**Date**

23 – 24 June 2026

**Venue**

Hotel Bayerischer Hof or virtually via live stream  
Promenadeplatz 2 – 6, 80333 Munich, Germany

**Hotels**

Due to a trade fair taking place in Munich at the same time, hotel rooms are very limited. We strongly recommend booking early. If you have any difficulties booking accommodation, please contact Hannah Klusmann.

Book hotels in Munich via:  
[www.munich.travel/en/booking/accommodation/search](http://www.munich.travel/en/booking/accommodation/search)

**Evening reception at the Hofbräu Keller am Wiener Platz NEW**

Tuesday, 23-06-2026, from 18:30  
in Hofbräu Keller, Innere Wiener Straße 19, 81667 Munich, Germany



## Further Information and Online Registration:



[www.atzlive.com/chassis](http://www.atzlive.com/chassis)

chassis.tech plus 2026

23 – 24 June 2026, Munich, Germany or virtually via live stream

### Your contact person

Hannah Klusmann  
Abraham-Lincoln-Straße 46  
65189 Wiesbaden, Germany

Phone +49 611 7878-321  
ATZlive@springernature.com

### The organizer

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