chassis.tech plus 2022

4 congresses in one event

5 – 6 July 2022
Munich, Germany
or virtually via live stream

Hybrid event

Your choice:
Participate on-site or virtually via live stream

KEYNOTE LECTURES

ADAC e.V. / Continental Teves AG & Co. oHG / Ducati Motor Holding s.p.a. / Karlsruhe Institute of Technology (KIT) / Robert Bosch GmbH / S&P Global Mobility
In the triad comprising the driver, the vehicle, and the chassis, it is the latter that is the decisive factor when it comes to achieving the optimum values in terms of driving safety, sportiness, and comfort. In addition, trends such as automated driving and powertrain electrification will have further repercussions on chassis architectures. This Herculean task can only be mastered by interdisciplinary teams of engineers who see the chassis as a complete system and work on it accordingly. The process is supported by agile development methods and computer simulations as well as driving simulators and real road tests – for both current and future systems.

The 13th International Munich Chassis Symposium chassis.tech plus once again aims to bring together up to 500 specialists for an exchange of ideas and experience. Experts in suspension systems, steering, brakes and tires/wheels, as well as ADAS will find the very latest information and will have the opportunity to discuss current developments in detail.

You can look forward to keynote lectures by Dr. Hans-Jörg Feigel (Continental), Helge Westerfeld (Bosch), Patricio Barbale (S&P Global Mobility), and Andreas Rigling (ADAC) on the first day of the symposium, as well as short interviews with leading experts. On the second day, Prof. Dr. Frank Gauterin (Karlsruhe Institute of Technology) and Leonardo Bagnoli (Ducati) will present their valuable assessments.

We look forward to welcoming you to the Bayerischer Hof in the center of Munich or virtually via our live stream and hope you have an exciting and informative conference.

Welcome

Highly relevant technical papers presented by renowned speakers
Networking in the international expert community
Innovative products and services
ABOUT THE CONFERENCE

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 two parallel sessions of lectures in the afternoon.

The symposium will focus on overriding issues relating to chassis systems and vehicle dynamics, 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.

In 2022, the symposium will focus on redundant chassis systems for automated driving, digital developments for steer-by-wire systems, and methods for measuring brake and tire wear. It will examine ways to ensure the long-term fulfillment of the increasing demands of customers, users, and legislation regarding agility and comfort as well as the requirements of sustainability and the environment, including more engineering efficiency and cost-effectiveness.

DAY 2

Accompanying trade exhibition on both days

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

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

Evening reception in Munich Ratskeller

Tuesday, 05-07-2022 from 18:30 in Munich Ratskeller, Marienplatz 8, 80331 Munich

Experience a cozy evening in the traditional Ratskeller. We are happy to invite you to attend an evening of stimulating conversation with colleagues and to offer you the chance to enjoy Bavarian culinary delicacies.

The foundation stone of the Ratskeller was laid on 25 August 1867. However, the first landlord and landlady did not move into the premises of the new town hall until 1 August 1874, the date when the city council started its activities there.

Evening reception in Munich Ratskeller

In accordance with the Romantic spirit of the age, Georg von Hauberisser designed the edifice as well as the furnishings of the Ratskeller in the 16th-century Gothic style. Munich painters such as Heinrich Schlitt and Josef Rösl designed the various vaults.

The Ratskeller, established ever since then as a place of civic hospitality, extends a hearty welcome with its typical Bavarian charm.

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

Your Corona protection concept

In order to ensure that the ATZlive conference is safe and successful for all participants, even in times of Corona, we have drawn up a wide-ranging hygiene protection concept and are making detailed arrangements with the event partners.

If you would prefer to participate virtually in the event for health reasons or due to travel restrictions, we will offer you also this year parallel live streams.

chassis.tech plus 2022 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

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.

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- as well as other useful functions
Our four Scientific Advisory Boards, which are made up of prominent figures from the relevant field, provide support during the planning phase of the conference and help to identify suitable topics.

**chassis.tech**
- Martin Schwarz
  - Head of chassis.tech section

**steering.tech**
- Dr. Christoph Bitzer
  - Dr. hc. F. Porsche AG

**brake.tech**
- Alexander Gaudzke
  - Robert Bosch GmbH

**tire.wheel.tech**
- Ralf Schwüller
  - AUDI AG

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, 05-07-2022 / MORNING / FESTSAAL**

**KEYNOTE**
09:30
Dr. Hans-Jörg Feigel
Senior Vice President Strategy & Future Solutions, Continental Tires AG & Co. KG

**KEYNOTE**
10:00
Holger Weserfeld
Project Director Vehicle Dynamics Control, Robert Bosch GmbH

**Future chassis systems: evolution or revolution?**
Impacts of megatrends on chassis systems

**KEYNOTE**
11:15
Patricia Barbale
S&P Global Mobility, Italy

**Integrated vehicle dynamics control – opening up new dimensions**
Latest rating updates for ADAS systems

**WEDNESDAY, 06-07-2022 / AFTERNOON / FESTSAAL**

**KEYNOTE**
15:30
Dr. Frank Gauster
Karlsruhe Institute of Technology (KIT)

**KEYNOTE**
16:00
Leonardo Bagani
Head of Vehicle Simulation Dept., Ducati Motor Holding s.p.a., Italy

**Silence, please! – What we need to do about vehicle noise emissions now**
Virtual assessment of motorcycle stability and comfort behavior and its influence on chassis design
08:00 Registration at the check-in

09:00 Welcome and opening
Dr. Alexander Heinzel, Editor-in-Chief ATZ / MTZ Group, Springer Nature; Prof. Dr. Peter E. Pfeffer, Automotive Engineering, Hochschule München University of Applied Sciences

09:30 Keynote lectures I
Moderation: Prof. Dr. Peter E. Pfeffer, Automotive Engineering, Hochschule München University of Applied Sciences

10:00 Integrated vehicle dynamics control – opening up new dimensions
Helge Westerfeld, Project Director Vehicle Dynamics Control, Robert Bosch GmbH

10:30 Opening of the accompanying trade exhibition and refreshment break in the exhibition area

11:00 Keynote lectures II
Moderation: Prof. Dr. Peter E. Pfeffer, Automotive Engineering, Hochschule München University of Applied Sciences

11:30 Impacts of megatrends on chassis systems
Patrick Barbi, Senior Analyst, S&P Global Mobility, Italy

12:00 Lunch in the exhibition area

12:30 Short interviews with experts of the industry
Moderation: Dr. Alexander Heinzel, Editor-in-Chief ATZ / MTZ Group, Springer Nature
Experts: Dr. Hans-Jörg Feigel, Senior Vice President Strategy & Future Solutions, Continental Tires AG & Co. KG; Dr. Dirk Herkenrath, Manager Chassis Design, Mercedes-Benz AG

14:15 Redundant systems and testing
Moderation: Timo Schöning, Head of Department Chassis, Hyundai Motor Europe Technical Center GmbH

14:30 The key role of virtual prototypes for the functional safety of software-defined vehicles
Steffen Schmidt, Project Manager, IPG Automotive GmbH

14:45 Theoretical and practical solutions in full operational chassis electronics
Axel Freiwald, Application Lead Chassis & Safety, Technical Marketing, Inferno Technologies AG

15:15 Recent advances in level 2 and 3 ADAS systems and their impact on modern braking and steering systems
Elftherios Psaltis, Cost Engineer, A2Mac1
Maria Guitart Corominas, Cost Engineer, A2Mac1

15:45 Refreshment break with coffee and tea in the exhibition area

16:00 New chassis and systems
Moderation: Christoph Ebkers, Vice President Car Chassis Technology Development, ZF Group

16:30 Vision EQXX – innovative chassis system for a highly electric vehicle
Dr. Othmar Harverath, Manager Chassis Design, Mercedes-Benz AG

17:00 Development of steer-by-wire system requiring no changes in steering wheel hand position
Harjy Payda, Project Manager, Chassis Development, Toyota Motor Corporation, Japan (in cooperation with JTEKT, Japan; DENSO, Japan)

17:30 Using DSS and autonomy to aid in brake-to-steer vehicle performance characterization
Dr. Thomas Raste, Principal Expert Vehicle Dynamics, Continental Tires AG & Co. KG (in cooperation with CHXMotion, USA)

18:30 Evening reception in Munich Ratskeller
Enjoy interesting conversations with colleagues and speakers in a pleasant atmosphere.

19:00 NEW SYSTEMS AND CONCEPTS
Moderation: Klaus Bahnbuschat, Strategic Account Manager, Head of Sales: Tires & Wheels, TÜV SÜD Product Service GmbH

19:15 Mechanical-hydraulic, adaptive stabilizer bar with frequency-selective rolling damping
Dr. Serge Yiu, Senior Expert Advanced Spring & Damper Technologies, BMW AG; Thomas Schrödlkamp, Head of R&D Chassis Systems, Mubea Fahrwerktechnik GmbH

19:45 Elasto-kinematic and structural design of the multi-link torsion axle and its full-vehicle evaluation
Jens Orzechowski, Research Associate, Institute of Automotive Lightweight Design (FLB), University of Siegen

20:15 Sustainable and innovative lightweight solutions while staying cost-competitive
Dr. Barbara Muntit, Lead Technical Manager, Lukas Christopher Schröder, R&D Engineer, Outokumpu Neosta GmbH
Automated Driving – Development Methods
Moderation: Heinz Müller, Senior Vice President Engineering Drivetrain, Cabin & Chassis, Head of Planning & Concepts, MAN Truck & Bus SE

08:30 KPI-based attribute development of lane keeping assist systems
Daniel Nieden, Head of A&D/SAR Attributes, AUDI AG [in cooperation with Mbtymak AG, IFM, Kempten University of Applied Sciences]

09:00 A modular framework for the virtual calibration and validation of driver assistance systems
Moritz Markofsky, PhD Student, Chassis Systems, Porsche Engineering Services GmbH [in cooperation with Chair of Mechatronics, University of Duisburg-Essen]

09:30 Tool and scenario development for LCA hardware-in-the-loop test
Federico Attila, PhD Student, Testing and Validation Engineer, Università Degli Studi di Firenze [in cooperation with Meccanica 42 Srl, Italy]

AUTOMATED DRIVING – DRIVER AND SECURITY

Moderation: Christian Hartwig, Manager Vehicle Dynamic Specification & Requirements, Opel Automobile GmbH

10:30 – 12:00, chassis.tech section – Palaisrhine

10:30 Holistic driver perception – unaddressed challenges in autonomous driving today
Kevin Mueter, Manager Advanced Software Products, Continental Engineering Services GmbH

11:00 The key for future vehicles – development of chassis components according to cybersecurity regulations
Dr. Marcus Pirner, Technical Consultant Functional Safety, IAV GmbH

11:30 Development of model predictive motion planning and control for autonomous vehicles
Jaume Carrido Benavides, Project Engineer, Vehicle Dynamics, IDIADA Automotive Technology S.A., Spain

10:30 – 12:00, steering.tech section – Festsaal

10:30 – 12:00, steering.tech section – Festsaal

STEER-BY-WIRE
Moderation: Dr. Matthias Schütz, Consultant for Pre-Development Steering Systems, BMW AG

10:30 Steer-by-wire – requirements and regulations
Joseph Beer, Officially Recognised Expert, TÜV SÜD Auto Service GmbH

11:00 Basic safety guidelines for steer-by-wire for a new DIN standard

Introduction
Dr. Matthias Schütz, Consultant for Pre-Development Steering Systems, BMW AG

Safety goals, item definition, and fault categories
Michael Scholz, Chief Engineer Steer-by-wire Products, ZF Automotive Germany GmbH

Controllability in the case of a first fault
Christian Kleiner, Development Engineer in the Pre-Development of Steering Systems, BMW AG; Maximilian Weiske, PhD Student Development Steering Systems, Volkswagen AG

Operating behavior after a first failure
Georg Pfleider, Systems Engineer Advanced Steering, Schaeffler Technologies AG & Co. KG

11:30 – 12:00, brake.tech section – Fürstensalon

NEW BRAKE COMPONENTS AND TEST METHODS
Moderation: Prof. Dr. Ralph Mayer, Professorship Vehicle Systems Design, TU Chemnitz

08:30 – 10:00, brake.tech section – Forstensalon

10:30 – 12:00, tire.wheel.tech section – Königsaal

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

08:30 – 10:00, tire.wheel.tech section – Königsaal

INNOVATIONS IN TIRES AND WHEELS
Moderation: Stefan Dittmar, Head of Wheels, TÜV Süd Product Service GmbH

10:30 Innovation on wheels: how new mobility and the focus on sustainability will change wheel design
Ralf Düring, Vice President Global Engineering, Maxion Wheels EAP Holding GmbH [in cooperation with Iochpe Maxion S.A., Brazil]

11:00 Study on the relationship between wheel stiffness and driving stability
Atsushi Hirano, Assistant Chief Engineer Innovative Research Excellence Dynamics Performance, Honda R&D Co., Ltd., Japan

11:30 Wheel concepts for extending the range of BEVs and upgrading the premium wheel design
Prof. Dr. Günter Leister, CEO, twms consulting [in cooperation with Ulbrichts GmbH, Austria]

08:30 Refreshment break with coffee and tea in the exhibition area

11:00 Lunch in the exhibition area

10:00 Lunch in the exhibition area
### AFTERNOON PROGRAM

**VEHICLE DYNAMICS**

**Moderation:** Martin Schwarz, Head of Axially Parallel Steering Gear and Rear Axle Steering, BMW Group

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<tr>
<th>Time</th>
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<th>Speaker(s)</th>
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<tbody>
<tr>
<td>13:30</td>
<td>Study of improving comfortable turning feel by coordinated control between steering and suspension</td>
<td>Masayoshi Kimura, Senior Staff Engineer, Research and Development, Hitachi Astemo Langen GmbH</td>
<td>In cooperation with Hitachi Astemo, Ltd., Japan</td>
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<td>14:00</td>
<td>Software as a product – road surface detection</td>
<td>Keyur Patel, Engineering Software Supervisor, Nexteer Automotive Corp., USA</td>
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<td>14:30</td>
<td>Intelligent combination of software calibration and highly responsive hydraulics control</td>
<td>Alexander Alonso Torres, Development Engineer Innovative Suspension Systems, KYB Europe GmbH, Spain; Christian Macrì, Product Planning and Strategy Manager, KYB Europe GmbH</td>
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**DIGITAL DEVELOPMENT**

**Moderation:** Dirk Ferge, Senior Manager Business Development & Innovation, JTEKT Europe

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<tr>
<td>13:30</td>
<td>Application of digital twins in EPS/SbW development</td>
<td>Dr. Stefan Kirschstein, Engineering Manager System and Vehicle Simulation, ZF Automotive Germany GmbH</td>
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<td>14:00</td>
<td>Enhancement of subjective steering feel in driver-in-the-loop simulators</td>
<td>Michael Naylor, Principal Engineer, Vehicle Dynamics and Multibody Systems, HORIBA MIRA Ltd., UK</td>
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<td>14:30</td>
<td>Evaluation of steering feel with different feedback actuators in driving simulators</td>
<td>Florian Gay, Vehicle Dynamics Engineer, Hyundai Motor Europe Technical Center GmbH (in cooperation with MdynamiX AG; Kempten University of Applied Sciences)</td>
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**FUTURE BRAKE SYSTEMS**

**Moderation:** Dr. Falk Hecker, VP Technology – Driver Assistance and Automated Driving, Knorr-Bremse Systeme für Nutzfahrzeuge GmbH

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<td>13:30</td>
<td>Modular brake systems for future requirements</td>
<td>Alexander Gaedke, VP Program Management IPB, Robert Bosch GmbH</td>
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<tr>
<td>14:00</td>
<td>Redundant brake systems for tree by-wire applications</td>
<td>Holger Schmidt, Senior Expert Redundant Brake Systems for Automated Driving, Continental Tvoes AG &amp; Co. OHG</td>
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<td>14:30</td>
<td>Virtual vehicle development approach for optimizing energy efficiency and vehicle stability of electrified vehicles using the example of brake blending</td>
<td>Dr. Steven Yan, Business Development Manager Powertrain, IPG Automotive GmbH</td>
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**TIRES AND VIRTUAL DEVELOPMENT**

**Moderation:** Edwin van der Stad, Vice President Europe, Nexen Tire Europe s.r.o.

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<tr>
<td>13:30</td>
<td>Tire performance optimization using intercoupled TRICK, thermoRIDE, and weakRIDE physical models</td>
<td>Prof. Dr. Flavio Farroni, Assistant Professor @ UniNa and CEO &amp; Co-Founder @ MegRide, Department of Industrial Engineering, University of Naples Federico II (in cooperation with MegRide SRL), Italy</td>
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<td>14:00</td>
<td>RFID in tires is the new market standard to connect tires to their ecosystems</td>
<td>Christophe Duc, RFID Initiative Leader for Car Manufacturers, Manufacture Française des Pneumatiques Michelin, France</td>
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<td>14:30</td>
<td>Efficient tire/handling development by applying virtual vehicle and tire layout</td>
<td>Carsten Schröder, Head of Expert Field Vehicle Dynamics, Continental Reifen Deutschland GmbH (in cooperation with Volkswagen AG)</td>
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### refreshment break with coffee and tea in the exhibition area

15:30 – 16:30, Plenary section – Festsaal

**KEYNOTE LECTURES III**

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

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<tr>
<td>15:30</td>
<td>Silence, please! – What we need to do about vehicle noise emissions now</td>
<td>Prof. Dr. Frank Gauterin, Spokesperson of Directors of the Institute of Vehicle System Technology (FAST) at KIT, Scientific Spokesperson KIT Mobility Systems Center, Scientific Spokesperson High-Performance Center Mobility Systems Karlsruhe, Karlsruhe Institute of Technology (KIT)</td>
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<tr>
<td>16:00</td>
<td>Virtual assessment of motorcycle stability and comfort behavior and its influence on chassis design</td>
<td>Leonardo Bagnoli, Head of Vehicle Simulation Dept., Ducati Motor Holding s.p.a., Italy</td>
<td></td>
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<tr>
<td>16:30</td>
<td>Closing remarks</td>
<td>Prof. Dr. Peter E. Pfeffer, Automotive Engineering, Hochschule München University of Applied Sciences; Dr. Alexander Heintzel, Editor-in-Chief ATZ</td>
<td>MTZ Group, Springer Nature</td>
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The current program is also available online:

[www.atzlive.de/en/chassis](http://www.atzlive.de/en/chassis)
EVENT INFORMATION

Registration fee

Participation on-site – limited
€ 1,595.– plus VAT
The “participation on-site” package includes the keynote lectures and all presentations of the two parallel strands on the 1st day and the four parallel sections on the 2nd day. Also included are the event documents, the accompanying trade exhibition, the use of the digital event platform as well as catering during breaks, and the evening event on 05-07-2022.

Participation virtually via live stream – unlimited
€ 995.– plus VAT
The “participation via live stream” 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. Also included are the event documents and the use of the digital event platform with virtual trade exhibition.

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)
Virtually via live stream: English audio transmission

Date
5 – 6 July 2022

Venue
Hotel Bayerischer Hof
Promenadeplatz 2 – 6, 80333 Munich, Germany

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

Evening reception in Munich Ratskeller
Tuesday, 05-07-2022 from 18:30 in Munich Ratskeller, Marienplatz 8, 80331 Munich, Germany

Further Information and Online Registration:
www.atzlive.de/en/chassis

Your presentation platform

Take this opportunity to present your latest products and services to the specialist audience: as an exhibitor in our exclusive exhibition and/or as a sponsor with an attractive advertising presentation. Make use of this industry meeting place to make valuable contacts with customers.

For information on the various presentation options, please contact:
Mr. Alex Woidich
Phone +49 611 7878-206
alex.woidich@springernature.com

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TÜV SÜD

Generating competitive edge through smart use of knowledge.
TÜV SÜD is a premium quality, safety, and sustainability solutions provider that specializes in testing, inspection, auditing, certification, training, and knowledge services. Since 1866, the company has remained committed to its founding principle of protecting people, property, and the environment from technology-related risks.

Headquartered in Munich, Germany, TÜV SÜD is represented in more than 1,000 locations worldwide. TÜV SÜD operates globally with a team of more than 25,000 multi-disciplinary experts recognized as specialists in their respective fields. By combining impartial expertise with invaluable insights, the company adds tangible value to businesses, consumers and the environment.

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chassis.xperience

THE DRIVING EVENT AT THIS YEAR’S CHASSIS.TECH PLUS

Chassis systems and ADAS/AD

chassis.xperience – the free driving event to experience chassis systems and advanced driving assistance systems live. Get to know innovative development methodologies by testing driving characteristics both in real-life driving tests and on the dynamic driving simulator - the digital twin. Together with our research partner, the University of Applied Sciences Kempten, we invite you to the new Institute for Driver Assistance and Connected Mobility. Expect an exciting day, practical methods and technologies and interesting discussions - the ideal warm-up for chassis.tech plus 2022.

EXPERIENCE DEVELOPMENT METHODOLOGY IN ITS VARIETY!
You can expect a day full of methods and technologies at your fingertips:

- A large selection of current vehicle models
- Dynamic, static and steering test simulators
- Software in the loop evaluation technology for a realistic learning feel
- Objective and subjective methods and tools for attribute evaluation
- Various other stations

STATIONS OF THE CHASSIS.XPERIENCE

- ADAS driving session
- Driving dynamics session
- Overtaking driving simulator
- Static driving simulator
- Automated parking
- HiL brake test bench
- With current vehicles for test driving.

SEMINAR LEADERS

Prof. Bernhard Schick
MdynamiX AG,
University of Applied Sciences Kempten

Prof. Dr. Peter E. Pfeffer
MdynamiX AG,
University of Applied Sciences Munich

Further Information and Online Registration:

www.atzlive.de/en/chassis

chassis.tech plus 2022
5 – 6 July 2022, Munich, Germany or virtually via live stream

Your contact person

Hannah Klusmann
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Phone +49 611 7878-321
Fax +49 611 7878-452
ATZlive@springernature.com

Institute for Driver Assistance and Connected Mobility – IFM
Junkersstraße 1a
87734 Benningen, Germany

More information on schedule, registration & GTC:
www.mdynamix.de/chassis-xperience
praxisseminar@mdynamix.de

In collaboration with:

Organised by: MdynamiX AG • Junkersstraße 4 | Shelter 16 • 87734 Benningen • www.mdynamix.de

organised by: MdynamiX AG • Junkersstraße 4 | Shelter 16 • 87734 Benningen • www.mdynamix.de

The organizer

ATZlive // Spotlight on Powertrain and Vehicle Engineering

Our events are firm fixtures in the diaries of automotive engineers and engine specialists. We offer a range of innovative conferences on the latest topics in the world of automotive engineering and engine 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. Springer, with its automotive technology brands in the ATZ and MTZ Group, is part of Springer Nature, one of the world’s leading publishing groups for scientific, educational and specialist literature.