



Automated Driving 2022

Mobility and Vehicle Concepts
of Tomorrow

5 – 6 April 2022
Wiesbaden, Germany

Call for Papers
Apply online now

Submission of proposals
no later than
15 September 2021

Impressions of 2020



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SCIENTIFIC DIRECTOR

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

Automated Driving: Mobility and Vehicle Concepts of Tomorrow

- / SITUATION RECOGNITION AND ANALYSIS
- / AUTOMATED DRIVING DECISIONS
- / NEW VEHICLE AND INTERIOR CONCEPTS
- / MOBILITY EXPERIENCE AND BUSINESS MODELS

IN FOCUS

Into the future with new driving experiences through automation



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

Welcome

Climate change and COVID-19 have brought about a shift in public awareness and have initiated new trends. Mobility as a prerequisite for participating in social life must now be changed both conceptually and commercially and must be reappraised in broader terms. The basis for this is automated driving, which opens up potential for new vehicle concepts and possibilities for intermodal and multimodal traffic.

The main challenges this presents are an increase in road safety, an improvement in digital, on-demand availability, and a new quality of sustainability.

Automated driving is not possible without sensor fusion, powerful computer technology, AI, and V2X communication. Creating attractive solutions for every mobility purpose will require a tight network of vehicle and electronics developers.

For the 8th International ATZ Congress “Automated Driving”, we would like to ask you to submit a paper on innovative developments and new business models.

We look forward to your proposals and your ideas.

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

Automated driving helps to prevent accidents. What is more, AI-assisted robotic cars also form the basis for data-driven business models at OEMs. 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 sustainability. As an information and communication platform, the International Congress “Automated Driving” is dedicated to the key aspects of the mobility transformation.



Participants

This congress is aimed at decision-makers and experts who shape and develop automated driving and who are involved in the multi-disciplinary topic of vehicle-to-X, as well as those dealing with the development of new vehicle and interior concepts. These include automotive engineers at car makers and commercial vehicle manufacturers, suppliers and engineering service providers, function developers, and software engineers from industry and universities, as well as analysts, consulting companies, insurance companies, and other experts specialized in the social, economic, and legal background.

Media partners

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 congress and helps to identify suitable topics.

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



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

Scientific Director of the Congress

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Situation recognition, analysis, and prediction

Environment recognition | Sensor fusion | Sensor data analysis and verification | HD cards | Interfaces

Automated driving decisions

Behavior planning | Fall-back level | Vehicle-to-X | Cloud and backend solutions | Artificial intelligence | IT and data security | Embedded systems | Trajectory and vehicle dynamics control | Mechatronic actuators | Energy management | Intelligent power distribution

Users and markets

Customer acceptance | User experience analyses | Psychology | Interaction concepts | Field tests

New vehicle and interior concepts

Vehicle concepts from two-wheelers to commercial vehicles | Innovative design and interaction concepts | Interior concepts for automated driving | HMI

Mobility experience and business models

User-centered mobility | Urban versus rural mobility | Roles and providers of future mobility | Intermodal and multimodal mobility | Technical-economic evaluation

Politics, insurance, and legislation

Initiatives from politics | Standardization | Strategies, liability issues and concrete activities of insurance companies

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:

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Further information and online submission of your proposal:



www.atzlive.de/en/audri

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2021**

Are you interested in presenting a paper on one of these subjects?

If so, please submit a short version of your paper via the online portal to the event page indicated.

Your submission proposal in English should contain:

- The title of the paper
- The name of the speaker with job title, company address, telephone number and e-mail address
- The name of any co-authors with company address
- The main points and a brief summary of the paper's contents (abstract)
- Brief summary of the innovative value of the work (please submit documents in PDF)
- Classification under one of the main subject areas

On the basis of the short version of the paper, the Scientific Advisory Board for the congress will decide on its acceptance.

Information on the congress

The time allowed for presentation is 20–25 minutes with a subsequent discussion. The registration fee will be waived for one speaker per paper presented. The language of the manuscripts and slides is English.

Schedule

Deadline for submission proposals: **15 September 2021**
Notification of the authors: **November 2021**
Submission of final manuscripts: **7 March 2022**
The final congress program will be published in January 2022.