

ATZ live

Call for Papers

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Automated Driving

From Assisted to Autonomous Driving

6th International ATZ Conference

31 March and 1 April 2020 | Wiesbaden | Germany



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Simultaneous Interpreting
German and English

SENSE

Tomorrow's sensor
systems and
environment
recognition

PLAN AND THINK

Recognizing,
analyzing, and
evaluating situations

ACT

Implementing functions
of automated driving

/// SCIENTIFIC DIRECTOR

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

Continental  **ETAS**



Impressions of the 2019 conference



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Automated Driving

WELCOME

The question is not whether automated driving is coming, but when and where. There is no ideal solution for automated driving. What is certain is that artificial intelligence (AI) is a basic prerequisite for automated driving. It is now clear that only the “right” combination of sensors and algorithms for analyzing, evaluating, and predicting situations will lead to success. The fusion of simulation and real driving data can help to achieve reliable results quickly and at an acceptable cost.

The international ATZ Conference “Automated Driving” has proven itself as an annual trend barometer from a technical, legal, and social perspective. For that reason, comparisons and measurable improvements over the past 12 months are of the highest interest in your paper. So please make us curious – surprise us with your developments and experiences in order to give the Scientific Advisory Board a good basis for evaluation.

Equally valuable are critical presentations that draw attention to necessary innovations. Only in this way can we create the constructive dialogue that makes our event better every year and gives the industry the right impetus.

We look forward to your subject proposals and ideas.



On behalf of the Scientific Advisory Board

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

PARTICIPANTS

The international ATZ Conference “Automated Driving – From Assisted to Autonomous Driving” is aimed at technical specialists and managers as well as experts who develop driver assistance systems and who cooperate with these developers in the interdisciplinary subject of vehicle-to-x. These include automotive engineers, function developers, software and IT engineers from industry and application-oriented research, analysts, consulting companies, insurance companies, and other experts who are involved in developing the social, economic, and legal framework conditions.

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**versicherungs
magazin**

MAIN SUBJECT AREAS IN AN INTERNATIONAL CAR AND COMMERCIAL VEHICLE CONTEXT

Sense

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

Plan and think

Situation analysis and decision | Vehicle-to-x | Cloud and back-end solutions | Artificial intelligence | Software design | IT and data security | Embedded systems

Act

Mechatronic actuators | Energy management | Intelligent power distribution | Integration of different energy sources | HMI

New methods and processes

Functional safety | Agile development | Digitization | Evaluation and validation | Diagnosis and data analysis | Simulation and testing

Users and markets

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

Politics, insurance, and law

Political initiatives | Standardization and standards | Insurers' strategies | Communication strategies

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Phone +49 611 7878-320
elke.vanlon@springernature.com

CALL FOR PAPERS

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

If so, please send a short version of your proposed paper to:

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Your submission proposal in English should contain:

- The title of the paper
- The main points and a brief summary of the paper's contents (**abstract** with a detailed description of the innovative value, **maximum 2 pages**)
- Classification under one of the main subject areas
- The name of the speaker and any co-authors with job title, company address, telephone number and e-mail address (Please submit documents in PDF or Microsoft Word format)

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

Information on the Conference and the Conference Documentation

The time allowed for presentation is 20 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.** After the congress, your paper will be published as part of the conference proceedings at Springer Vieweg and on the online platforms Springer Link and Springer Professional.

Schedule

Deadline for submission proposals: **5 September 2019**
Notification of the authors: **End of November 2019**
Submission of final manuscripts: **20 February 2020**
The final conference program will be published in January 2020.

DEADLINE FOR SUBMISSION PROPOSALS
5 SEPTEMBER 2019