Automated Driving 2021

From Assisted to Autonomous Driving

08 – 09 June 2021
Wiesbaden, Germany

Call for Papers
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Submission of proposals
no later than
21 October 2020

Impressions of 2019

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SCIENTIFIC DIRECTOR OF THE CONFERENCE

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

Continental ⅃ ETAS

From Assisted to Autonomous Driving

/ **SENSE**
Sensor systems and environment recognition

/ **PLAN AND THINK**
Recognizing, analyzing, and evaluating situations; Planning and deciding behaviour

/ **ACT**
Implementing functions of automated driving

AUTOMATED DRIVING 2021

7th International ATZ Conference

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

Welcome

Without sensor fusion, suitable computer technology and powerful AI, there is no automated driving. Development and evaluation of AI functions require not only previous developers but also data experts who are able to prepare the correct real and/or synthetic data and create meaningful models.

The international ATZ Conference "Automated Driving" has proven itself as an annual trend barometer from a technical, legal, and social perspective. Comparisons and measurable improvements of the past 12 months are therefore of utmost interest in your submission. 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

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

On the one hand, autonomous driving serves the goal of avoiding accidents in the future, and on the other hand, robot cars are the basis for OEMs' data-driven business models. Depending on the SAE level, the human being changes from driver to passenger. AI processes help to develop self-propelled cars that satisfy every safety concept. Industry experts appreciate the International ATZ Conference "Automated Driving – from Assisted to Autonomous Driving", as it offers not only technical presentations but also the opportunity to inspect test vehicles and discuss with experts in the exhibition.

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 and evaluate driver assistance systems. 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.

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 conference 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 Conference

Dr. Thomas Dieckmann
ZF Group | Commercial Vehicle Control Systems

Hans-Georg Frischkorn
Strategieberatung

Dr. Robert Fuchs
JTEKT Corporation

Simon Fürst
BMW Group

Dr. Karl-Heinz Glander
Aptiv Services Deutschland GmbH

Dr. Michael E. Hafner
Daimler AG

Dr. Alexander Heintzel
Springer Nature

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EDAG Engineering GmbH

Prof. Dr. Dr. h.c. Rolf Isermann
TU Darmstadt

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ETAS GmbH

Steffen Schmidt
IPG Automotive GmbH

Dr. Peter Schöggl
AVL List GmbH

Tino Schulze
dSPACE GmbH

Winfried Schultalbers
IAV GmbH

Walter Schwertberger
MAN Truck & Bus SE

Prof. Andre Seeck
Bundesanstalt für Straßenwesen (BASt)

Dr. Dietmar Stapel
Hella GmbH & Co. KGaA

Dr. Andreas Teuner
ZF Group

ATZ live

CONFERENCES FOR VEHICLE AND ENGINE SPECIALISTS   www.ATZlive.com

SENSE

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

PLAN AND THINK

Situation analysis and prediction | Behavioral planning |
Decision making | Relapse level | Vehicle-to-x |
Cloud and back-end solutions | Artificial intelligence
Software design | IT and data security | Embedded systems

ACT

Trajectory and vehicle dynamics control | Mechatronic actuators |
Energy management | Intelligent power distribution |
Integration of different energy sources | HMI

New methods and processes

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

Users and markets

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

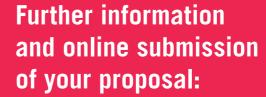## Politics, insurance, and law

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

Your presentation platform

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

Further information and online submission of your proposal:

www.atzlive.de/en/c4p-audri

Automated Driving 2021
08 – 09 June 2021, Wiesbaden, Germany

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proposals
no later than
———
21 October 2020**

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 conference will decide on its acceptance.

Information on the conference

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: **21 October 2020**
Notification of the authors: **Mid January 2021**
Submission of final manuscripts: **22 April 2021**
The final conference program will be published in February 2021.