



7th VDV – Congress on Future Autonomous Driving within Public Transport

 meets the 14th Electric Bus Conference
and Trade Fair

27–28 March 2023 · Estrel Hotel Berlin



VDV Akademie

Forum für Verkehr
und Logistik

VDV Die Verkehrs-
unternehmen

Vehicle manufacturer public transport autonomous shuttle

On Demand Level 4 Future

7th VDV - Congress on Future Autonomous Driving within Public Transport

After the "may" comes the "can do". Highly automated driving in SAE Level 4 is being tested worldwide, and soon in Germany too. The Federal Ministry of Digital Affairs and Transport has created a funding guideline that facilitates the first projects.

Vehicle manufacturers and supplier companies are stepping up their development of shuttles that are designed to meet both the technical requirements of autonomous driving in certain operational areas and the tough demands of daily scheduled and on-demand deployment in public transport.

During the 7th Edition of the VDV - Congress on Future Autonomous Driving within Public Transport, the dawn of a new era will become tangible. We will have shuttles on site in an accompanying exhibition and experience the networking of the movers and shakers of the future.

What can the numerous providers of robo-taxis in the USA do - when are Waymo, Cruise and Motional coming to Europe - or what are German suppliers doing in the USA? Which vehicle will be the first to drive driverless on public roads in Germany?

What are the goals and contents of the projects funded by the federal and state governments and how can we create common ground for scaling?
Will there be another appeal for funding?

The international perspective on developments in Europe and the world will not be lacking either.

This time the congress on autonomous driving will be held in parallel with the 14th VDV Electric Bus Conference and ElectBu trade fair. You can also see the latest electric and hydrogen buses and network with hundreds more industry colleagues.

As you can see, we have big plans - and would be delighted if we could welcome you again or for the first time to discuss the future of autonomous driving in public transport.

Target group: Employees from transport companies, urban and transport planning, as well as local government; federal and state politicians and administrators, university staff, industry and sector representatives, technical services, consultancy.

27 March 2023

STAGE - E-BUS FORUM 1

JOINT OPENING

Kick-off to the event

10:00

Welcome

Martin Schmitz

Chief Technical Officer · Verband Deutscher Verkehrsun-
ternehmen e.V. (VDV) / Chairman of the Board ·
Forum für Verkehr und Logistik e. V.

10:15

Greeting

Werner Overkamp

CEO · STOAG Stadtwerke Oberhausen
GmbH · Vice president & Chairman of the Board of Directors
Passenger Traffic Bus · VDV

10:30

Greeting

Oliver Luksic MP

Parliamentary State Secretary · Federal Ministry of Transport
and Digital Infrastructure

10:45

Keynote: Redesigning mobility!

Prof. Knut Ringat

Speaker of the Board of Management · Rhein-Main
Verkehrsverbund GmbH (RMV), VDV-Vice President

11:00

Keynote: Autonomous Driving - Game Changer?

Frank Klinghöfer

Member of the Board · DB Regio AG, Ressort DB Straße

11:15

Keynote: The three revolutions of the transport transformation: electric, shared and autonomous

Prof. Thomas Sauter-Servaes

Professor Engineering · ZHAW School of Engineering

11:35

Panel discussion - Future of mobility

Moderation: Katja Diehl

Author of the SPIEGEL best-seller „Autokorrektur“

Henrik Falk

Board of Management · Hamburger Hochbahn AG

Prof. Dr. Meike Jipp

Institut Director · Deutsches Zentrum für Luft- und
Raumfahrt (DLR)

Dr. Michael Barillère-Scholz

Co-Founder CEO · ioki

STAGE - E-BUS FORUM 1

Kurt-Christoph von Knobelsdorff

CEO · NOW GmbH

Prof. Knut Ringat

Speaker of the Board of Management · Rhein-Main
Verkehrsverbund GmbH (RMV), VDV-Vice President

Prof. Thomas Sauter-Servaes

Professor Engineering · ZHAW School of Engineering

12:15

Lunch and opening of the trade fair

AUTONOMOUS DRIVING

THEMATIC BLOCK

State of the art of autonomous driving

13:15

The Selfdriving System from Cruise and other players on the US Market

Prof. William Riggs

University of San Francisco

14:00

The Mobileye self-driving system and its potential applications

Chris Lichtmanecker

Director EMEA · Mobileye

14:15

The Adastec self-driving system and its potential applications

Prof. Ali Peker

CEO · ADASTEC

14:30

Das ZF ProAD System

Dr. Ing. Martin Randler

VP AD System · ZF

14:45

State of the art of autonomous driving from the perspective of the TÜV North

Kathrin Leicht

Project management autonomous driving ·
TÜV NORD Mobilität GmbH & Co. KG

15:00

Coffee break at the trade fair

27 March 2023

AUTONOMOUS DRIVING

THEMATIC BLOCK

Current vehicle concepts for autonomous driving in public transport

15:45

Current vehicle concepts for autonomous driving by VW commercial vehicles

Daniel Schmidt

Head of Vehicle Concepts · MaaS/TaaS

Current vehicle concepts for autonomous driving by Benteler/Holon

Lena Kleinschmidt

Director Sales · Holon

Current vehicle concepts for autonomous driving by ZF

Werner Engl

Senior Vice President · XAM / Global Sales & Customer Development · ZF Group

Current vehicle concepts for autonomous driving by Schaeffler

Alexander Böhm

Business Development/Sales Smart Mobility · Schaeffler

MAN's roadmap to an autonomous city bus

DEng. Michael Roth

Head of Product Strategy Bus · MAN Truck & Bus

AUTONOMOUS DRIVING

16:45

Panel discussion: How do we progress to the autonomous public transport shuttle from series production?

Alexander Böhm

Business Development/Sales Smart Mobility · Schaeffler

Daniel Schmidt

Head of Vehicle Concepts · MaaS/TaaS

Werner Engl

Senior Vice President · XAM / Global Sales & Customer Development · ZF Group

Lena Kleinschmidt

Director Sales · Holon

Sven Paeslack

Head of Department Type Approval · KBA

Arne Zielonka

Deputy Head of Unit DK20 · BMDV

DEng. Michael Roth

Head of Product Strategy Bus · MAN Truck & Bus

MODERATION

Emanuele Leonetti

Research assistant · Verband Deutscher Verkehrsunternehmen e.V. (VDV)

17:30

End of the first day Stage Autonomous Driving

19:00

Dinner together at the trade fair



28 March 2023**AUTONOMOUS DRIVING****THEMATIC BLOCK****Current projects in Germany****09:00****The KIRA project: autonomous on-demand transports****Thomas Drewes**

Head of intergrated Mobility · Deutsche Bahn AG

Bruno Ginnuth

Co-Founder,CEO · CleverShuttle

09:30**Strategies for autonomous driving in public transport****MDirig Philipp Franke**

Head of Department · Ministry of Transport

State Baden-Württemberg

09:45**State of Autonomous Driving in Public Transport from the Perspective of the BMDV****Assistant State Secretary Andreas Krüger**

Head of Digital Applications · Federal Ministry of Digital Affairs and Transport

10:15**Coffee break at the trade fair****THEMATIC BLOCK****Developments in Europe and around the world****11:00****Riding autonomous taxis – and what Ruter is getting out of it****Endre Angelvik**

Executive Vice President Radical Innovation · Ruter As

11:15**The European SHOW project****DEng. Henriette Cornet**

Thematic Area Leader Automated Mobility · UITP

11:30**The European ULTIMO project****Lars Abeler**

Innovative Traffic Concepts · DB Regio AG

11:45**Status of Autonomous Driving and Implications for Public Transit Offerings****Dr. Matthias Kempf**

Partner · Berylls Group GmbH

12:15**Lunch at the trade fair****AUTONOMOUS DRIVING****THEMATIC BLOCK****Implementation building blocks for autonomous driving****13:15****The interior monitoring concept for public transport shuttles of Bosch****Dr.-Ing. Sarah Uttendorf**Ride Care – Software, Sense and Services (S³) (XC/PJ)-RC3) · Bosch**Use cases for driving without an operator and possibilities of technical implementation for vehicle access and in the passenger compartment****Jörg Stübinger**

Project Manager · Brose – SMO II Project

Design of the control centre and technical supervision for autonomous public transport operation**Torsten Schmidt**

Traffic systems engineering · Vehicle management Frankfurt region · RheinMain GmbH

The Safestream project**Dr. Arwed Schmidt**

Director Strategic Initiatives – Passenger Transportation · EasyMile

Activities of the VDV and Next Steps for the industry**Emanuele Leonetti**

Research assistant – Verband Deutscher Verkehrsunternehmen e.V. (VDV)

14:15**Summary and end of the Autonomous Driving event**

OUR MODERATORS



Dr. Till Ackermann
Head of Department Economics and Business Development
Verband Deutscher Verkehrsunternehmen (VDV)

OUR PRESENTERS

Lars Abeler
DB Regio AG

Endre Angelvik
Ruter AS

Dr. Michael Barillère-Scholz
ioki GmbH

Alexander Böhm
Schaeffler Technologies AG & Co. KG

DEng. Henriette Cornet
DB Regio AG

Thomas Drewes
Deutsche Bahn AG

Katja Diehl
Autorin

Werner Engl
ZF Group

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DB Regio AG

MDirig Andreas Krüger
BMDV

Katrin Leicht
TÜV Nord

Emanuele Leonetti
Verband Deutscher Verkehrsunterneh-
men (VDV)

Christian Lichtmannecker
Mobileye

Oliver Luksic MdB
BMDV

Werner Overkamp
Verband Deutscher Verkehrsunterneh-
men (VDV) · STOAG Stadtwerke Ober-
hausen GmbH

Sven Paeslack
KBA

Prof. Ali Ufuk Peker
ADASTEC

Dr. Ing. Martin Randler
VP AD System · ZF

Prof. William Riggs
University of San Francisco

Prof. Knut Ringat
Rhein-Main Verkehrsverbund GmbH /
VDV

Dr. Michael Roth
MAN

Prof. Dr. Thomas Sauter-Servaes
ZHAW School of Engineering

Arwed Schmidt
EasyMile

Daniel Schmidt
Volkswagen Aktiengesellschaft

Torsten Schmidt
RheinMain GmbH

Martin Schmitz
Verband Deutscher Verkehrsunterneh-
men (VDV)

Jörg Stübinger
Brose

Dr.-Ing. Sarah Uttendorf
Bosch

Kurt-Christoph von Knobelsdorff
NOW GmbH

Arne Zielonka
BMDV