
8th VDV Academy Conference Electric Buses – Market of the Future! and ElekBu 2017

March 7–8, 2017 in andel's Hotel Berlin



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First reliable findings on battery buses with different charging concepts and charging procedures are available as several battery buses have now been operated for some time on so-called battery bus lines. Although battery buses have not been standardised yet, several orders for quite large numbers of buses have been awarded already or are being prepared. Therefore, different battery bus systems will probably determine the market development in the next few years.

The permissible nitrogen oxide emission values are exceeded permanently or too often in ever more cities. Significantly increasing consumption of diesel fuel indicates that the situation will probably get worse. Therefore, political bodies increasingly expect that the bus fleets of transport companies are equipped with zero-emission drives.

These drives, which are now being tested in several cities, have either been equipped in a few buses or in small bus series. Different charging strategies and charging procedures are being tested. Thus, overnight charging concepts (i.e. charging during the off-operating time) compete with opportunity charging concepts (i.e. charging during the daily operation). To avoid downtimes for the charging of the batteries, trolley-buses with batteries being charged during the operation (in-motion charging) have been developed and are being tested. Moreover, it is now being discussed whether it is meaningful to develop the present battery bus with an external charging unit to a self-charging battery bus because it seems that this concept is neither forward-looking nor suited for big fleets.

With its lectures and a panel discussion with battery bus operators the conference is once again going to be a platform that shows how public transport buses can be equipped with electric drives.

The ElekBu Fair

The ElekBu fair takes place in parallel to the conference. Here manufacturers of battery buses, their sub-suppliers as well as companies advising transport companies on the procurement of such buses present their products and services. As the trade fair area is bigger than last year, more battery buses are being exhibited and more companies presented. The trade fair and the conference complement one another perfectly. The successful concept of close interrelations between the conference and the trade fair promotes perfect interaction.

Ihr Moderator



Prof. Dr.-Ing Adolf Müller-Hellmann
Forum für Verkehr und Logistik e.V.

Your speakers

Stefan Baguette

Alexander Dennis Ltd. (ADL)

Secretary of State Rainer Bomba

German Federal Ministry of Transport and Digital Infrastructure

Roland Braun

Nahverkehr Hohenlohe

Umberto Guida

Internationaler Verband für öffentliches Verkehrswesen - UITP

Alex de Jong

VDL Bus & Coach bv

Jürgen Fenske

Association of German Transport Companies (VDV)

Secretary of State Jochen Flasbarth

Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety

Heinz Friedrich

Daimler Buses

Thomas Gagsch

Carosserie HESS AG

Dr. Martin Gollbach

PINTSCH BAMAG Antriebs- und Verkehrstechnik GmbH

Andreas Gronarz

Forsee Power

Tobias Hentrich

Webasto Thermo & Comfort SE

Andreas Heuke

Volvo Bus Corporation

Boris Käser

e.optimum AG

Thomas Kiel

Association of German Cities

Jens-Günter Lang

Hamburger Hochbahn AG

Andreas Laske

Siemens AG

Daniel Lautensack

ABB Automation Products GmbH

Erik Lenz

Vossloh Kiepe GmbH

Harald Ludescher

ZIEHL-ABEGG Automotive

Prof. Dr.-Ing. Adolf Müller-Hellmann

Forum für Verkehr und Logistik e.V.

Daan Nap

ABB

Mark Poulton

Transport for London (TfL) Surface Transport

Matthias Rogge

eBusplan GmbH

Univ.-Prof. Dr. rer. nat. Dirk Uwe Sauer

Professor for Electrochemical Energy Storage Systems, RWTH Aachen University

Alexander Schabert

ViriCity B.V.

Martin Schmitz

Association of German Transport Companies (VDV)

Dr. Martin Schuster

Litarion GmbH

Felix von Borck

Akasol GmbH

Dr. Götz von Eisebeck

MAN Truck & Bus AG

Dr. Jochen Witzig

ZF Friedrichshafen AG

Maciej Wojeński

Ekonoenergetyka - Polska Sp. z o.o.

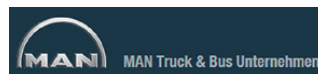
Day 1: Tuesday, March 7, 2017 - Electric Buses - Market of the Future!

9:30	Conference office opens
10:00	Welcome Jürgen Fenske, President Association of German Transport Companies (VDV)
10:05	Opening lecture by the Federal Ministry of Transport and Digital Infrastructure (BMVI) Secretary of State Rainer Bomba, German Federal Ministry of Transport and Digital Infrastructure
10:20	Public transport on its way to zero-emission and more quiet buses – good news for the cities Thomas Kiel, Association of German Cities
10:40	Electricity replacing diesel – how innovative energy sourcing models can be beneficiary for public transport companies in the energy transition Boris Käser, e.optimum AG
11:00	ZeEUS and the deployment of electric buses in Europe Umberto Guida, Union Internationale des Transports Publics
11:20	Current developments within battery technology and on the battery market Univ.-Prof. Dr. rer. nat. Dirk Uwe Sauer, Professor for Electrochemical Energy Storage Systems, RWTH Aachen University
11:40	Battery bus systems – from manifoldness to standard?! Prof. Dr.-Ing. Adolf Müller-Hellmann, Forum für Verkehr und Logistik e.V.
12:00	Opening of the trade fair trade fair tour lunch break Secretary of State Rainer Bomba, German Federal Ministry of Transport and Digital Infrastructure Jürgen Fenske, President Association of German Transport Companies (VDV)
13:30	Electric bus concepts put to test – the right balance between technical and operational efforts Matthias Rogge, ebusplan GmbH
13:50	Maximize electric bus utilization with monitoring – the link to planning, operations and recharging Alexander Schabert, ViriCiti B.V.
14:10	Towards zero emissions: cleaning up London's buses Mark Poulton, Principal Technical Specialist – Vehicle Technology Environment & Walking, Transport for London (TfL) Surface Transport
14:30	Electric buses in the region – battery buses in rural districts Roland Braun, Nahverkehr Hohenlohe und Harald Ludescher, ZIEHL-ABEGG Automotive
14:50	From the test field to the master plan – a learning curve from more than 15 years with electric mobility Jens-Günter Lang, Hamburger Hochbahn AG
15:10	Coffee break in the trade fair area
16:10	Panel discussion and question & answer session with operators of electric buses Moderation: Prof. Dr.-Ing. Adolf Müller-Hellmann, Forum für Verkehr und Logistik e.V. Participants: Jan Barchanek , Dopravní podnik hl. m. Prahy, a. s., Bus Operation Unit Toralf Müller , Vorstand, Verkehrsbetriebe Hamburg-Holstein GmbH Heinz-Jürgen Reining , Geschäftsführer, Stadtwerke Bonn Verkehrs GmbH Frank Steinwede , Geschäftsführer, Regensburger Verkehrsverbund GmbH Wilhelm Lindenberg , Vorstandsmitglied, üstra Hannoversche Verkehrsbetriebe AG Werner Overkamp , Geschäftsführer, STOAG Stadtwerke Oberhausen GmbH Jörn Schwarze , Mitglied des Vorstandes, Kölner Verkehrs-Betriebe AG Peter Wiesinger , Wiener Linien GmbH & Co. KG
approx. 18:00	Final discussion at the first conference day
from 19:00	Evening event in the trade fair area

Day 2: Wednesday, March 8, 2017 - Electric Buses - Market of the Future!

8:30	Welcome Martin Schmitz, Managing Director Technology, Verband Deutscher Verkehrsunternehmen e. V. (VDV)
8:35	Lecture by the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) Secretary of State Jochen Flasbarth, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety
8:50	Electric mobility from MAN – the ideal solution for public transport?! Stefan Sahlmann, MAN Truck & Bus AG
9:10	ZF's electric mobility strategy for urban buses with focus on a new central drive Dr. Jochen Witzig, ZF Friedrichshafen AG
9:30	The electric mobility challenge – more than just an electric drive Heinz Friedrich, Daimler Buses
9:50	Optimising costs, weight and environmental conditions with the charging strategy Felix von Borck, Akasol GmbH
10:10	Zero-emission public transport – VDL's fleet solution Alex de Jong, VDL Bus & Coach bv
10:30	Coffee break in the trade fair area
11:10	Standardisation and interoperability – practical aspects Andreas Laske, Siemens AG
11:30	OPPCharge - supporting charging standardization Andreas Heuke, Volvo Bus Corporation
11:50	Safe and versatile: Modular battery systems for electric busses Dr. Martin Schuster, Litarion GmbH
12:10	Europe's biggest electric bus fleet put successfully into operation Stefan Baguette, Alexander Dennis Ltd. (ADL)
12:30	Future proofing of charging infrastructure Daniel Lautensack, ABB Automation Products GmbH und Daan Nap, ABB B.V.
12:50	Lunch break in the trade fair area
13:30	In-Motion-Charging (IMC) – the effective charging concept for big electric bus fleets Erik Lenz, Vossloh Kiepe GmbH
13:50	High-power charging infrastructure integrated into the city Maciej Wojeński, Ekoenergetyka-Polska Sp. Z o.o.
14:10	High comfort and long range due to efficient layer heat technology Tobias Hentrich, Webasto Thermo & Comfort SE
14:30	Clean Cities – Smart Buses Thomas Gagsch, Carrosserie HESS AG
14:50	Best Practice in the integration of different battery technologies from the point of view of a European battery integrator for electric busses Andreas Gronarz, Forsee Power
15:10	Depot charging concepts Dr. Martin Gollbach, PINTSCH BAMAG Antriebs- und Verkehrstechnik GmbH
approx. 15:30	End of the conference

Aussteller



Post-Registration

Fax +49 (0) 221 - 5 79 79 81 03

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Please mention the exact invoice address.

First name Last name

Position

Company

Street and house number

Postal code Town

Phone Fax

E-Mail

Invoice address (exact data, if different from above address)

VAT Id. No. (for registrations from abroad)

Date and signature

Venue:

andel's Hotel Berlin
Landsberger Allee 106
D-10369 Berlin

Participation fee:

845.00 € plus VAT. Employees from companies with a VDV Academy Card only pay 716.00 € plus VAT. Training vouchers from the VDV Academy are creditable.

Billing by VDV Akademie GmbH:

The registration fee will be invoiced upon receipt of the registration form.

Contact:

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Moreover, we inform you that we publish photos from events on our website www.vdv-akademie.de.