



Making mobile machines perform
Efficient | Safe | Green 

MobilTron 2018

November 13th and 14th, 2018 in Mannheim

The Electrified Mobile
Working Machine



MobilTron

The Electrified Mobile Working Machine

In recent years, the discussion about electrification has been fueled by a wide range of important stimuli. Tesla looks to have had great success with introduction of its Model 3. In Germany, cities and municipalities exceed the limits for particulate matter and are introducing bans for diesel vehicles. The introduction of electric cars in Germany is sluggish, while China is focused on electric mobility and is significantly expanding its infrastructure.

Of course, the topic is also significant for manufacturers of mobile machines. Prototypes are being presented at trade fairs, but when will they start series production? In connection with electrification there is a rethinking of the complete machine, the development towards autonomous operations, digitalisation and a corresponding charging infrastructure. With this seminar, we would like to offer you the opportunity to get new inspiration, to hear and talk with users and technology leaders, and to exchange ideas with each other.

At our joint dinner after the first day, you can discuss what you have heard with the speakers, technology experts, decision-makers and opinion leaders. Take the opportunity for networking or simply to develop new concepts.

All German presentations will be simultaneously translated into English by a professional translator.



Program – Day 1

November 13th, 2018

09:00 **Registration**

09:55 **Opening & Welcome**

10:00 **The freight forwarder as driver for E-Mobility?**

▶ Wolfgang Thoma, Ansoerge Logistik

10:40 **Challenges of system integration**

▶ Anthony Dollet & David Pechereau, DINTEC

11:20 **E-machines - function, technologies and application-specific selection**

▶ Bernhard Burkhart, ENGIRO GmbH

12:00 **Lunch break**

13:30 **The electric PTO shaft**

▶ Gerald Eisenmann, Harting

Ultrafast charging of e-vehicles

14:10 ▶ Dr. Frank Steinert, Fraunhofer-Institut für Verkehrs- und Infrastruktursysteme IVI

Application experience with a mobile electric power converter

14:50 ▶ Timo Bögel und Matthias Marsel, Technische Universität Dresden

15:30 **Coffee Break**

Alternative drives and fuels – technological options and funding opportunities

15:50 ▶ Johannes Daum, NOW GmbH

Bidirectional charging in the local smart grid

16:30 ▶ Dr. Uwe Koenzen, Planungsbüro Koenzen

Charging infrastructure

17:10 ▶ Dr. Jörg Janning, GE Power

17:50 **Closing discussion**

19:00 **Dinner**

Program – Day 2

November 14th, 2018

09:00	Electric series vehicle ▶ Alexander Weis, SCIO Technology GmbH
09:40	Electrification of the powertrain – challenges and opportunities for the automotive industry ▶ Armin Diez, ElringKlinger
10:20	Coffee Break
10:40	Intelligent charging infrastructure ▶ Stefan Pagenkopf-Martin, Parkstrom GmbH
11:20	Electric axle and transmission systems ▶ Günter Bittlingmaier, Kessler & Co.
12:00	Lunch break
13:30	Innovative e-bus air conditioning ▶ Stefan Wetzstein, AURORA Konrad G. Schulz GmbH & Co. KG
14:10	Strategies for developing eMobility control solutions ▶ Michael Weiß, Hitex GmbH
14:50	Fendt e100 ▶ Wolfgang Breu, AGCO GmbH
15:30	Closing discussion
16:00	End of the Seminar

Main topics:

Charging and infrastructure

Technological trends and practice

Field report

Keynote

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The Electrified Mobile Working Machine

Germany is the land of the automobile. Over 800,000 people work directly for automobile manufacturers and their suppliers. In 2018, 25,000 passenger cars with electric drive were registered - from a total of 3.44 million new registrations. This corresponds to a share of just 0.7%. Is Germany losing its connection to international developments here? The speakers will be those affected or involved in logistics and the automotive industry.

Keynotes:

The freight forwarder as driver for E-Mobility?

Today, German freight forwarders face many challenges. They are in an international competitive environment, are following new requirements to increase safety and tomorrow could be facing closed city centres. In order to be able to continue to carry out their tasks in the future, the freight forwarder lacks the support of vehicle manufacturers or the legislators who must lay the foundations for the future. On their own initiative, Ansoerge Logistik, Toni Maurer and STW have developed an electric truck in a government funded project, which can take over the transport on the „last mile“ without any loss in performance or comfort. For Ansoerge the question naturally arises: Why is it necessary for an operator to take on the role of manufacturer, and cover for the industry's lack of action?

Wolfgang Thoma, Ansoerge Logistik

The electric series vehicle

The automotive industry is undergoing the greatest transformation in its history, and the widespread introduction of electric mobility brings with it a host of challenges. Electrically powered vehicles are part of an extensive transformation that affects not only vehicle manufacturers, but also energy suppliers. In this very dynamic environment, the series development of vehicles must be rethought. Classical quality gate based development processes must be extended by agile development methods in order to be able to implement customer-oriented electrified vehicle concepts quickly. Examples from classic automotive development and the start-up scene will be used to answer the question of how manufacturers can quickly test new concepts and accelerate the market launch of electrically powered vehicles.

Alexander Weis, SCIO Technology GmbH

Registration

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I will participate

Participation fee: € 690.-* excl. VAT

*Participation fee with early registration discount until
October 12th, 2018: € 600.- excl. VAT

**Please book your stay in the hotel under special conditions
using key word „Sensor-Technik Wiedemann“ at the
Dorint Kongresshotel Mannheim, telephone +49 621 1251-0.**

**Please send more information about
Sensor-Technik Wiedemann GmbH**

Family name, first name

Title

Company

Department

Street

City / Post code

Telephone

Telefax

E-mail

Date, Signature

Conditions for participation

MobilTron – November 13th/14th

Registration

For registration please use the form available on our website www.stw-mm.com or the attached form. If you would like to register multiple people using the paper form, please make according copies. By registering you accept our terms and conditions. Your registration is complete after receipt of your participation fee.

The early bird special is available until and including October 12th, 2018. Due to the limited number of free places we recommend to book in time. Registrations will be considered based on the date received. After the early bird deadline registrations will be possible only if places are still available. Please do not make your payment until you received our confirmation.

Participation Fee

Registration until October 12th, 2018: € 600,- (excl. VAT).

After October 12th, 2018 the participation fee is € 690,- (excl. VAT).

Included in the price:

- Proceedings
- Two lunches
- Dinner on November 13th, 2018
- Coffee and snacks
- Non-alcoholic beverages

Cancellation

Cancellation before October 31st, 2018 will result in a charge of € 170,- (excl. VAT). For cancellations after October 31st, 2018, no refund is possible. The registration is transferable.

We retain the right to cancel the seminar up to 7 days in advance if participation is low or for other reasons. In this case the participation fees will be fully reimbursed. No additional claims will be recognized.

Payment Terms

Upon receipt of confirmation the participation fee must be deposited into STW's account in full:

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The Dorint Kongresshotel Mannheim offers a limited amount of rooms at special conditions. Reservations can be made using the key word „Sensor-Technik Wiedemann GmbH“.

Mannheim is within easy reach due to excellent motorway (A5/A6, A61) and high-speed train (ICE/IC station) connections. There are hourly shuttle buses from the Frankfurt International Airport to the Mannheim Lufthansa Terminal across from the hotel.

Contact

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