

BATTERY SYSTEMS IN CAR BODY ENGINEERING 2019

26 – 27 JUNE 2019
BAD NAUHEIM
GERMANY

PRELIMINARY PROGRAMME

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INNOVATIVE SOLUTIONS FOR THE INTEGRATION OF BATTERIES AND BATTERY SYSTEMS INTO THE CAR BODY

After a hesitant start, the change of direction in the automotive industry towards e-mobility is finally in full swing. Many current projects are still under lock and key, but a few new models have already been launched.

The automotive industry is working on developing an electrification strategy. Some of these strategies differ significantly from one another, they range from integrating electric vehicles into existing platform structures to creating EVs with completely new vehicle architectures. As different as the approaches may be, there is one question that all OEMs and suppliers must answer: taking into account safety, weight, function, cost and production efficiency etc., how can the battery best be integrated into the respective car body structure?

We are looking forward to discussing these and many more questions at our conference with you.



Dr. Sibylle Freitag
Presidium
Automotive Circle

CONFERENCE VENUE

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CONFERENCE FEE

Early-bird: 1.895,- €* (available until 18 June 2019)

Standard: 1.995,- €* (available until 18 June 2019)

*all prices plus 19% German VAT.



HIGHLIGHTS

THE
DETAILED
PROGRAMME
WILL BE
PUBLISHED
SOON!

- ▶ **Advanced concepts in battery system engineering**
Leon I. Kaunitz, Nio USA, Inc., US
- ▶ **High strength martensitic steel battery pack concept: a good balance of performance, weight and cost**
Matthieu Amblard, ArcelorMittal, FR
- ▶ **Agile automation development in battery module production**
Dirk Zimmer, ATN Hölzel GmbH, DE
- ▶ **Structural bonding and sealing of battery enclosures**
Dr. Andreas Lutz, DuPont, CH
- ▶ **Agile development of a modular toolbox for HV battery housings**
Dr. Michael Funcke, fka GmbH, DE
- ▶ **Functional materials for battery integration: structural reinforcements, joining & thermal management**
Dr. Stefan Kreiling, Henkel AG & Co. KGaA, DE
- ▶ **A lightweight, affordable aluminum sheet battery enclosure for high-volume BEVs**
Donald Whitacre, Novelis, US
- ▶ **Laser joining of battery boxes with existing and modified technologies: ensuring process reliability and new requirements**
Stefan Mücke, Scansonic MI GmbH, DE
- ▶ **Battery housing in lightweight steel construction for safe and affordable electric mobility**
Daniel Nierhoff, thyssenkrupp Steel Europe AG, DE
- ▶ **Maximising range and performance through innovative EV system integration – from racetrack to road**
Dyrr Ardash, Williams Advanced Engineering, GB
- ▶ **Intelligent tolerance compensation in next-gen vehicles**
Michael Tüllmann, Philipp Weinberger, Witte-Velbert GmbH & Co. KG, DE



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