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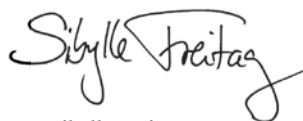
LET'S TALK ABOUT BATTERY SYSTEMS

The electrification of the powertrain is a challenge that has long been accepted by the automotive industry. It is a relatively recent development that is, however, already well underway.

This creates new demands and questions that car body engineers need to address – prominently among them, the question of the integration of the batteries. What do the new crash load paths look like? Can the battery box serve as a structural element? Which adjustments need to be made in the selection of materials and in joining technology? What kind of solutions are feasible in the heat management of batteries? Are there certain areas where the new processes impact the collaboration between the various trades that are involved? Which production technologies are available or need to be developed? Which developments and innovations in battery cell chemistry and battery assembly can be expected in the near future, and how will they affect the way we build electric vehicles?

These and many more questions will be addressed by our conference **Battery Systems in Car Body Engineering**.

Join in the discussions!
We look forward to meeting you in Bad Nauheim.



Dr. Sibylle Freitag
Presidium Automotive Circle



PROGRAMME

- 09.00 h** **Welcome**
Dr. Sibylle Freitag, Automotive Circle, DE
- 09.15 h** **Overview of current developments in battery cell chemistry for electric vehicles (invited)**
Prof. Arno Kwade, Technical University Braunschweig, DE
- 09.45 h** **Light Battery Concept**
Daniel Quinger, LION E-Mobility AG, DE
- 10.15 h** **Battery pack integration: impact on packaging and body architecture**
Sebastien Chopard, Jacques-Fernande Mercier, Groupe PSA, FR
- 10.45 h** ☕ **Coffee & contacts**
- 11.15 h** **Methodical and efficient development of battery housing systems**
Dr. Nicole Klein, Eduard Haberkorn, Automotive Center Südwestfalen GmbH, DE
- 11.45 h** **Body structure supported by an integrated HV-Battery system**
Reinhard Hörmann, Magna Steyr, AT
- 12.15 h** **Challenges in the development of high voltage battery housings**
Alexander Günther, Kirchhoff Automotive Deutschland GmbH, DE
- 12.45 h** 🍴 **Lunch**
- 14.00 h** **EMPT joining applications in e-mobility**
Dr. Günter Ambrosy, PSTproducts GmbH, DE
- 14.30 h** **Gap filler application in electric vehicle battery packs**
Andreas Kiefer, Daniel Thies, Atlas Copco IAS GmbH, DE
- 15.00 h** **Solutions for the thermal management and protection of high performance batteries**
Christoph Küsters, 3M Deutschland GmbH, DE
- 15.30 h** ☕ **Coffee & contacts**
- 16.00 h** **t.b.a.**

16.30 h **PANEL DISCUSSION**
Chair: Dr. Michael Frauenhofer, Audi AG, DE



17.15 h **Environmental evaluation of electric vehicles: an engineering perspective on the role of traction batteries**
Dr. Mark Mennenga, TU Braunschweig, DE

17:45 **Conclusion**
Dr. Sibylle Freitag, Automotive Circle, DE

18:00 **End of conference, followed by a get together**

Subject to change (status as of 12 April 2018)



THE CONFERENCE ADDRESSES:

Car body engineers, managers and employees of OEMs, suppliers and institutes working in the field of battery systems.

CONFERENCE FEES

Standard: 895,- €*

Combined ticket: 2.395,- €* (plus conference „FutureCarBody“, 13 + 14 June 2018, unit price starting 1.895,- €*)

* all prices plus German VAT

CONFERENCE VENUE

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TERMS AND CONDITIONS

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www.automotive-circle.com

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