



# BATTERY SYSTEMS IN CAR BODY ENGINEERING

JUNE 20-21, 2022, BAD NAUHEIM (GERMANY)/ONLINE

## SUNDAY, JUNE 19, 2022

**8.00 pm** **Welcome Evening**  
*with Drinks & light Food*

## MONDAY, JUNE 20, 2022

**9.00 am** **Registration**

**10.00 am** **Welcome**  
*Dr. Sibylle Freitag, Automotive Circle, DE*

### BATTERY INTEGRATION

**10.15 am** **Next generation structural battery opportunities – maximising the vehicle level benefits**  
*Chris McCaw, Williams Advanced Engineering Ltd., GB*

### INNOVATIVE MATERIAL CONCEPTS

**10.45 am** **Advances in the design of multimaterial EV battery enclosures**  
*Dr. Roman Hillermeier, STRUCTeam Ltd., UK*

**11.15 am** ☕ **Coffee and contacts & 👤 Meet the speakers**

**11.45 am** **Scalable and modular aluminum battery enclosure to maximize lightweighting in electric vehicles**  
*Olivier Rebuffet, Constellium, DE; Mehdi Ben-Tahar, Constellium, UK*

**12.15 pm** **How can HV-batteries benefit from the latest steel developments?**  
*Gilson Donya, Tarek Krim, ArcelorMittal, FR*

**12.45 pm** **Corrosion protection of battery systems**  
*Dr. Stefan Hildenbrand, Pfinder KG, DE*

**1.15 pm** 🍴 **Lunch break & 👤 Meet the speakers**

### QUALITY CONTROL TECHNOLOGIES I

**2.30 pm** **Quality control solutions for efficient and sustainable battery manufacturing processes**  
*Julien Tröndle, Sick AG, DE*

### INTELLIGENT AND FLEXIBLE PRODUCTION SOLUTIONS

**3.00 pm** **Flexible EV production - from battery assembly to modular logistics and manufacturing concepts**  
*Hakan Yilmaz, ABB AG, DE*

**3.30 pm** **High speed automated cell-to-pack (CTP) solution**  
*Urban Widén, Anwha Automation Engineering Co. Ltd., SE*

**4.00 pm** ☕ **Coffee and contacts & 👤 Meet the speakers**

**4.30 pm** **Integration of intelligent fastening solutions in automated battery production**  
*Philip Weinberger, Witol, DE; Johannes Knall, Weber Schraubautomaten, DE*

**5.00 pm** **Flexible production of generation 1 battery packs – roadmap from today to 2030**  
*Klas Persson, Ann van Damme, Volvo Cars, SE*

**5.30 pm** 👤 **Meet the speakers**

**5.45 pm** **End of the first conference day**

**6.45 pm** **Networking Night**

FIND MORE INFORMATION:

[WWW.AUTOMOTIVE-CIRCLE.COM](http://WWW.AUTOMOTIVE-CIRCLE.COM)



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**TUESDAY, JUNE 21, 2022**

## BATTERY SAFETY

**9.00 am Lithium battery safety solutions**  
*Marcus Spreckels, Oerlikon Friction Systems GmbH, DE*

**9.30 am Battery safety and contributing technologies in thermal management and thermal propagation prevention**  
*Holger Schuh, Henkel AG & Co. KGaA, DE*

## JOINING INNOVATIONS

**10.00 am Battery & EV sustainability**  
*Ali Jamehbozorg, AtlasCopco IAS, DE*

**10.30 am ☕ Coffee and contacts & 👤 Meet the speakers**

**11.15 am Fiber laser system for high quality battery manufacturing**  
*Dr. Klaus Krastel, IPG Laser GmbH, DE*

**11.45 am Innovative battery solution that enables the next automotive cycle**  
*Dr. Christian Eyholzer, Sika Technology AG, CH*

**12.15 pm Adhesive bonding as enabler for the production of energy storage systems for electric vehicles**  
*Victor Schmadalla, Audi AG, DE; Dr. Holger Fricke, Fraunhofer IFAM, DE*

**12.45 pm 🍴 Lunch break & 👤 Meet the speakers**

## QUALITY CONTROL TECHNOLOGIES II

**2.00 pm Artificial intelligence control technologies in EV battery assembly processes**  
*Antoni Perera i Vernetta, Eines Vision Systems, ES*

**2.30 pm Quality control of battery components in the production process: using compressed air for end-of-line leak tests and flow tests**  
*Dr. Joachim Lapsien, CETA Testsysteme GmbH, DE*

**3.00 pm Conclusion**  
*Dr. Sibylle Freitag, Automotive Circle, DE*

**3.15 pm End of conference**  
*Subject to change (status as of April 2022)*



## **YOUR CONTACT**

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## **CONFERENCE VENUE**

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