



**AUTO
MOTIVE
CIRCLE**



AGENDA

NOV 3 – 4

BATTERY SYSTEMS 2026

TUESDAY | NOVEMBER 3

8:00 AM Conference Registration

9:00 AM Welcome and Conference Introduction
Junaid Sheikh, Automotive Circle, DE

KEYNOTE: GLOBAL OEM BATTERY STRATEGIES

9:30 AM How Chinese OEMs are closing the pack-level energy-density gap with LFP batteries compared with European OEMs using NMC batteries
Ali Zohaib Saeed, A2MAC1, FR;
Tejas Bopardikar, A2MAC1, DE

STRUCTURAL BATTERY SYSTEMS:

FROM CONCEPT TO SERIES REALITY

10:00 AM Latest Development and Application of UHSS Battery Pack Solutions for NEV
Dr. Fei Han, Baosteel, CN

10:30 AM Meet the Speakers | Exhibition | Coffee and contacts

11:15 AM Alumobility – Right-Sizing the Battery: Aluminium-Intensive Battery Enclosure Design for Lower-Cost, Lower-CO₂ and Improved Effective Charging BEVs
Dr. Waldemar Krieger, Speira GmbH, DE

11:45 AM Nb-Enhanced AHSS and PHS for Structural Battery Packs in Electric Vehicles under Multi-Powertrain Production
Jesse Wili Paegle Filho, CBMM, NL

12:15 PM Fast Forward – Accelerating Time-to-Market for Next-Generation Battery Systems From Die-Cast Battery Frame to Integrated Battery System
Stefan Gobs, Albert Handtmann Metallgusswerk GmbH & Co. KG, DE

12:45 PM Meet the Speakers | Exhibition | Lunch Break

2:15 PM Real-World Validation of Composite Battery Enclosures: 100,000-Mile Data from an Instrumented Vehicle Laboratory
Guido Schaefer, Kautex Textron GmbH & Co. KG, DE;
Alin Petcu, Kautex Textron Craiova S.R.L., RO

BMS & FAST CHARGING

2:45 PM Signal Integrity and Communication Reliability in Distributed Battery Management Systems for Scalable and Safe EV Architectures
Abdul Salam Abdul Karim, Ford Motor Company, US

3:15 PM How to Build a Fast Charge Strategy
Melissa He, Breathe Battery Technologies, UK

3:45 PM Meet the Speakers | Exhibition | Coffee and contacts

OEM REPORT

4:30 PM Volvo EX60 Battery System (with BiW and Battery pack onsite)
Ida Toftefors, Volvo Car Corporation, SE

5:30 PM Get-Together: Meet the speakers

7:00 PM Networking Dinner



REGISTER NOW!

BATTERY SYSTEMS 2026

Conference venue: Hotel DOLCE Bad Nauheim
Elvis-Presley-Platz 1 | DE-61231 Bad Nauheim
www.dolcebadnauheim.com

Your contact: Wiebke Drohla
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NOV 3 – 4

BATTERY SYSTEMS 2026

WEDNESDAY | NOVEMBER 4

BATTERY SAFETY, CRASH & THERMAL VALIDATION

8:45 AM Thermal Runaway Propagation in EV Batteries: How Stellantis Tests, Simulates and Validates Battery Pack Safety

Jacques Mercier, Arnaud Beniere, Stellantis, FR

9:15 AM Experimental and Numerical Investigation of Battery Under-body Impact: Field Evidence and Korean NCAP Test Protocol Validation

Ji Hoon Woo, Wook Hwan Seo, Hyundai Motors, KR

9:45 AM Meet the Speakers | Exhibition | Coffee and contacts

10:30 AM Material Innovation Meets System Validation – Enabling Safer EV Batteries

Roman Vanecek, DOW, DE;
Zheren Wang, Forward Engineering, DE

11:00 AM Extending the Application Range of Aerogel-Based Cell Spacers for Coupled Mechanical and Thermal Runaway Performance for Improved Battery Safety

Dr. Stephan Möller, Armacell, DE

BATTERY MANUFACTURING & ASSEMBLY QUALITY

11:30 AM In-line Capturing of the State of Integrity: Quantifying Structural Assembly Quality in Battery Modules Through In-line X-ray CT Laminography

Mark Crocker, Innertech, NL

12:00 PM Meet the Speakers | Exhibition | Lunch Break

1:00 PM The Hidden Enemy: Mitigating Contamination for Optimised Battery Manufacturing and Lifecycle Reliability

Adrian Szwagiel, Gekatex Group, UK

1:30 PM Thermally Conductive Adhesives Enabling Advanced Cell-to-Pack and Cell-to-Body Architectures

Dr. Sergio Grunder, DuPont, CH

2:00 PM BVSeal: AI-driven leak point detection system

– online presentation –

Hassan Ghassemi-Armaki, General Motors Company, US

2:30 PM High-Volume Cold Forming of Copper Components for Automotive and E-Mobility Applications

Andreas Lembach, Nedschroef, DE

3:00 PM Farewell

Junaïd Sheikh, Automotive Circle, DE

* All times in CET (UTC+1)

Conference program is subject to change

Status as of: August, 2026



REGISTER NOW!

BATTERY SYTEMS 2026

Early-bird fee: 2.035 € (until October 2) | **Standard fee:** 2.235 (after October 2)

All prices plus 19% German VAT. Students will get 50 % discount on standard prices on presentation of a valid student ID.

Registration and Terms & Conditions at www.automotive-circle.com