



**AUTO
MOTIVE
CIRCLE**

**CALL FOR
SPEAKERS**

NOV 3 – 4

BATTERY SYSTEMS 2026

As the automotive industry shifts toward mass-market electrification, the EV battery has evolved from a modular energy storage unit into a primary structural and strategic asset of the vehicle. The Battery Systems Conference brings together experts from battery engineering, body development, and production to discuss series-ready solutions for assembling and integrating battery systems into vehicle architectures. As these systems increasingly become structurally integrated into the vehicle, OEMs and suppliers face new challenges in assembly, body integration, safety, manufacturing, repairability, and regulatory compliance.

We cordially invite OEMs, suppliers, and all other industry experts to join the conversation in **BAD NAUHEIM, GERMANY, ON 3–4 NOVEMBER 2026**. Contribute your insights by submitting a proposal for a presentation on one of the following topics.

<p>STRUCTURAL BATTERY SYSTEMS: FROM CONCEPT TO SERIES REALITY</p>	<ul style="list-style-type: none"> ▶ Structural battery system concepts and vehicle integration strategies ▶ Cell-to-Chassis and Cell-to-Body architectures in series applications ▶ Structural battery systems as load-bearing and crash-relevant components ▶ Manufacturing, tolerance management, and lifecycle implications
<p>NEXT-GENERATION CELLS: SYSTEM INTEGRATION READINESS</p>	<ul style="list-style-type: none"> ▶ Impact of next-generation cell technologies on battery system architecture ▶ Active and Passive Pressure Management for Solid-State and high-silicon anodes ▶ Housing, cooling, and safety implications of new cell types ▶ Transition and hybrid concepts in battery system design
<p>BATTERY SYSTEM DESIGN UNDER REGULATORY AND SAFETY REQUIREMENTS</p>	<ul style="list-style-type: none"> ▶ Impact of Euro NCAP and global safety regulations on battery system design ▶ Homologation and compliance driven architecture decisions ▶ Balancing structural integration with repairability and safety constraints
<p>THERMAL SAFETY, STABILITY & SYSTEM LAYOUT</p>	<ul style="list-style-type: none"> ▶ Thermal management and system-level temperature control concepts ▶ Thermal propagation prevention and mitigation strategies ▶ Impact of thermal-runaway scenarios on battery and vehicle layout
<p>BATTERY SYSTEM DESIGN FOR FAST CHARGING</p>	<ul style="list-style-type: none"> ▶ Battery system architectures enabling high-charging power ▶ Thermal, structural, and safety considerations for fast-charging concepts ▶ Vehicle-level trade-offs between charging speed, durability, and safety
<p>BATTERY MANUFACTURING INTELLIGENCE & DATA-DRIVEN QUALITY</p>	<ul style="list-style-type: none"> ▶ Industrialized assembly concepts, simulation-based safety certification & automated joining technologies ▶ In-line inspection, testing, and quality assurance at system level ▶ AI and data supported manufacturing, in-line testing and EoL validation strategies
<p>DESIGN FOR DISASSEMBLY, REPAIRABILITY & RECYCLING</p>	<ul style="list-style-type: none"> ▶ Design-for-repair and service concepts for battery systems ▶ Reversible joining, debonding, and dismantling approaches ▶ Automated disassembly and recycling-ready battery system designs
<p>BATTERY SYSTEMS FOR COST, SCALE & SUPPLY-CHAIN RESILIENCE</p>	<ul style="list-style-type: none"> ▶ Cost-driven battery system design and material strategies ▶ Platform strategies, variant reduction, and scalability concepts ▶ Supply-chain constraints and their impact on system architecture ▶ Supply-chain verticalization

The conference is supported by an OEM Advisory Board: **Audi AG, Dr. Ing. h.c. F. Porsche AG, Ford-Werke AG, General Motors Company, JLR, Nissan Motor Co., Ltd., Stellantis France, Stellantis North America, Groupe Renault, Volvo Car Company**

YOUR SPEAKING OPPORTUNITY

An Innovative solution, new development, an exciting project or a success story in any of the aforementioned areas is invited to be presented with the Battery Systems International Network. An abstract for a 25-minute technical presentation, followed by 5-minutes of Q&A session could be submitted via the [ONLINE SUBMISSION FORM](#) on the Automotive Circle website **UNTIL THE 22ND JUNE 2026**.

Please note that all abstracts should be written in English and will be subject to a review process conducted in collaboration with the OEM Advisory Board Committee. The most successful abstracts typically address a clear challenge, a novel solution, and a strong engineering focus, avoiding commercial promotion of the product developed, service offered, and the organization represented.

Note: Contributions on new cell technologies are welcome only where their impact on battery system design, integration, safety, or manufacturing is clearly addressed.



Notification of acceptance: **END OF JUNE, 2026**
 Publication of the conference program: **EARLY JULY, 2026**
 Submission of the (English-language) presentation **UNTIL OCTOBER 20, 2026**

YOUR CONTACT

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