



**AUTO  
MOTIVE  
CIRCLE**



AGENDA

# MAY 14 – 15

## BATTERY SYSTEMS 2024

### TUESDAY | MAY 14

**8.30 am** **Welcome, Conference Introduction**  
Dr. Sibylle Freitag, Automotive Circle

#### STRUCTURAL AND MATERIAL INNOVATIONS

**9.00 am** **The principles, evolution, and future of battery housing structural integration**  
Mark Dingman, Daphnis Structural Solutions, US

**9.30 am** **Light-weight extrusions for battery tray protection and casing**  
Sascha Wendt, Norsk Hydro, DE

#### PLASTIC BATTERY ENCLOSURES

**10.00 am** **Components for battery housings using fiber reinforced polymers: new requirements - new solutions**  
Christian Schludi, SGL Carbon, DE

**10.30 am** **Coffee break | Meet the speakers & exhibitors**

**11.00 am** **High-performance plastics for high-performance products**  
Jens Winiarz, Hennecke GmbH, DE

**11.30 am** **Full Plastic Battery Enclosures: Demonstrated Crash Performance on Vehicle Level**  
Felix Tischer, Kautex Textron, DE

#### BATTERY CIRCULARITY AND RECYCLING

**12.00 pm** **The EV battery circularity challenge: from functional materials for CTP designs to debonding enabling dismantling**  
Dr. Stefan Kreiling, Henkel AG&Co. KGaA, DE

**12.30 pm** **Lunch break | Meet the speakers & exhibitors**

**1.30 pm** **How can we scale up the recycling of high-voltage battery systems to meet the future demand?**  
Robert Wilschrey, EDAG Production Solutions GmbH & Co. KG, DE

**2.00 pm** **Battery circular economy system in Nissan**  
Dr. Masaaki Kubo, Nissan Motor Co., Ltd., JP

**2.30 pm** **How innovation in battery recycling enables true circularity**  
Linus Glowinski, Cylib GmbH, DE

**3.00 pm** **Coffee break | Meet the speakers & exhibitors**

#### BATTERY ASSEMBLY INNOVATIONS

**3.30 pm** **Dispensing in battery assembly**  
Sebastian Gries, Sebastian Jochum, Dürr Systems AG, DE

**4.00 pm** **New potentials for sustainable and media-free laser pre-treatment and decoating in the production chain of battery system manufacturing with high speed scanner technology**  
Jan Sommer, Clean-Lasersysteme GmbH, DE

**4.30 pm** **Infrared camera position system for nutrunners**  
Kristof Cocquyt, Volvo Cars, BE; Frank Honisch, nexonar, DE

**5.00 pm** **End of first conference day**

\* All times in CEST (UTC+2)  
Conference program is subject to change  
Status as of: May 6, 2024



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## BATTERY SYSTEMS 2024

SEE YOU NEXT YEAR AT THE BATTERY SYSTEMS CONFERENCE IN MAY 6 – 7, 2025 IN BAD NAUHEIM AGAIN!



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# MAY 14 – 15

## BATTERY SYSTEMS 2024

### WEDNESDAY | MAY 15

#### THERMAL MANAGEMENT AND FIRE PROTECTION

- 8.30 am Polymeric materials selected for effective protection and safer EV batteries**  
Roman Vanecek, Dow Silicones Deutschland GmbH, DE; Dr. Jan Mies, bdtronic GmbH, DE
- 9.00 am Structural thermal interface materials for repairable and efficient thermal management solutions**  
Dr. Sergio Grunder, DuPont, CH
- 9.30 am Innovative thermal barrier to avoid thermal propagation integrated with swelling compensation**  
Dr. Matthias Wissling, Behnam Mashhadi Gholamali, Tucker GmbH, DE
- 10.00 am Coffee break | Meet the speakers & exhibitors**
- 10.45 am Aluminum sheet solutions to combat Li-ion thermal runaway**  
Claudio Bacciarini, Dr. Julian Bleich, Novelis, CH

#### LOWER BATTERY PROTECTION

- 11.15 am Innovative coating solutions for enhanced vehicle electrification: a collaborative breakthrough**  
Tarek Krim, ArcelorMittal Global R&D, FR; Robert Fell, Pfänder KG, DE
- 11.45 am Lower battery protection: use cases and criteria**  
Florence Serfass, Groupe Renault, FR
- 12.15 am Lunch Break | Meet the Speakers & Exhibitors**

#### LEAK PREVENTION AND TESTING

- 1.15 pm Breakthroughs in laser leak-tight welding of full scale battery cooling plates**  
Oliver Quirin, TRUMPF Laser- und Systemtechnik GmbH, DE
- 1.45 pm Leak testing for reworked or recycled batteries**  
Pascal Schröer, innomatec Mess- und Schnellanschluss-Systeme GbmH, DE
- 2.15 pm Closing remarks**  
OEM Advisory Board
- 2.25 pm Farewell**  
Dr. Sibylle Freitag, Automotive Circle
- 2.30 pm End of conference**

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