

Agenda | September 15th

VALUE CHAIN OF THE CELL

08:00 Participants Arrival and Morning Coffee

08:40 Welcoming Remarks



Prof. Dr. Ferdinand Dudenhöffer,
Director, Center Automotive Research

BATTERIES FOR TRUCKS AND FUTURE BATTERIES (MODERATOR: PROF. DR. FERDINAND DUDENHÖFFER)

08:45 Daimler Truck AG - Electric heavy-duty trucks - does that make sense at all?

OPENING KEYNOTE



Børge Nielsen,
Director Product Engineering Global E-Powertrain, Daimler Truck AG

DAIMLER TRUCK

09:10 FinDreams Battery



Robin Zhang, Sales Director,
FinDreams Battery Co., Ltd.



09:25 LG Energy Solution - Recent Developments on Solid-State Batteries



Kwonnam Sohn,
Director Next Gen. Battery Research Center, LG Energy Solution

LG Energy Solution

09:40 Swiss Clean Battery AG - Establishment of the first series production for pure solid-state batteries



Roland Jung & Thomas Lützenrath
CEO & COO, Swiss Clean Batteries AG



09:55 Samsung - Toward Ultimate Reliability and Safety



Dr. Naehyuck (Nathan) Chang,
EVP/Head of corporate Automotive & ESS business development office, Samsung SDI



10:10 Siemens - Thinking about the Future of Battery Design and Manufacturing



Markus Birkhan,
Head of Vertical Battery, Siemens AG



MINERALS AND MATERIALS FOR BATTERIES (MODERATOR: PROF. DR. ARNO KWADE)

10:25 Keliber Oy - Journey to build up a resilient EU-source of Lithium Hydroxide



Hannu Hautala,
CEO, Keliber Oy



10:40 Bühler AG - Inline quality control in continuous electrode slurry production



Dr. Adrian Spillmann,
Director Market Segment Battery Solutions, Grinding & Dispersing, Bühler AG



10:55 - 11:15 COFFEE BREAK

11:15 Evonik - Processing additives for lithium-ion battery electrode manufacturing



Dr. Helmut Mack,
VP, Evonik Operations GmbH



11:30 TOX® PRESSOTECHNIK - Connection mechanism of TOX® eClinching and benefits for battery production



Frank Ortmann,
Business Development, TOX® PRESSOTECHNIK



11:45 Jagenberg AG - Production for new anode materials



Dr. Stephan Witt,
COO, Jagenberg AG



12:00 Batttrion - Aligned Graphite Technology – Path to low-cost, fast-charging LIBs



Dr. Max Kory,
COO, Batttrion AG



12:15 adphos - BearLITE® - Process - Game Changer for Battery Manufacturing



Dr. Kai K. O. Bär,
Managing Director, adphos Innovative Technologies GmbH



12:30 - 13:45 LUNCH BREAK & DEMO BEARLITE® - PROCESS

13:45 - 16:15

Parallel Sessions

Machines for Battery Production & Modules and Battery Packs
Moderators: Prof. Dr. Arno Kwade & Beatrix Frisch

One Value Chain until Recycling
Moderator: Prof. Dr. Ferdinand Dudenhöffer

Session I: Machines for Battery Production

13:45 PPG - Mobility Coating Solutions for Battery Packs and Cells



Markus Vogt,
General Manager, Mobility, PPG



14:00 Dürr AG - Leveraging process knowledge in battery production



Dr. Jochen Weyrauch,
CEO, Dürr AG



14:15 PEC Germany - "The Smart Battery Production" – Key Factors for a successful GWh Cell Manufacturing



Jan-Steffen Lang,
Key-Account Manager, PEC Germany



MODULES AND BATTERY PACKS

14:30 Webasto - Global production of battery systems – From blueprint to scaling



Christin-Marie Boudgoust,
Director Business Development, Webasto Group, Battery Systems



14:45 Bosch - Improved performance and lifetime of HV battery packs with cloud-based battery solutions



Dr. Christoph Kroener,
Product Area Solution Development Battery Services, Bosch



15:00 Henkel - Material solutions enabling new battery manufacturing and design trends



Keon Lee,
Sr Manager Product Development Battery Solutions, Henkel



15:15 - 15:45 COFFEE BREAK

15:45 Lead Intelligent Equipment - Standardized and integrated turnkey solutions are the key to success!



Chu Chen,
Managing Director, Lead Intelligent Equipment (Deutschland) GmbH



16:00 TRUMPF Laser- und Systemtechnik - Laser Applications in EV-Battery Manufacturing



Johannes Bühle,
Head of Global Industry Management, TRUMPF Laser- und Systemtechnik GmbH



Session II: One Value Chain until Recycling

13:45 SAP - Cloud Battery Enterprise – no silos



Stephan Fester,
SAP Global Battery Practice Lead, SAP SE



14:00 EPEA - Cradle to Cradle Innovative Product Design – Opportunities for Lithium Batteries in Circular Systems



Dr. Annette Winterl,
Project Manager and Assessor, EPEA (Environmental Protection Encouragement Agency)



14:15 Battery Cells: One Value Chain



Discussion with: **Tom Einar Jensen**, CEO, FREYR Battery & **Annette Winterl**, Project Manager and Assessor, EPEA & **Stephan Fester**, SAP Global Battery Practice Lead, SAP SE

14:30 SICK AG - Go Beyond - Sensor solutions for the battery production



Philipp Mutz,
Strategic Industry Manager, SICK AG



14:45 ElringKlinger - Presentation of an optimized Cell Housing Design for Prismatic and Cylindrical Battery Cells



Jan Groshert,
Director Advanced Development Battery, ElringKlinger AG



15:00 Cell manufacturers on one value chain



Discussion with: **Kai-Uwe Wollenhaupt**, President SVOLT Europe & Vice President SVOLT Energy Technology & **Dr. Stefan Bergold**, General Manager, Farasis Energy Europe GmbH

15:15 - 15:45 COFFEE BREAK

15:45 Umicore's innovative battery recycling approach – investing into a 150000 t/a European facility



Dr. Christian Hagelüken,
Director EU Government Affairs, Umicore



16:00 Li-Cycle - Lithium-ion battery recycling's critical role in the clean industrial revolution



Manfred Schmidt,
VP, Battery Supply for Europe, the Middle East, and Asia (EMEA), Li-Cycle



16:15 **Mercuri Urval - People for Batteries**



Discussion with **Klaus Steinmann**,
Partner & Global Head Automotive, Mercuri Urval GmbH



16:30 **DEKRA - EV Battery Fast Test**



Christoph Nolte,
Executive Vice President Service Division Vehicle Inspection, DEKRA



16:45 **dSPACE - Mastering the Challenges of Validating Battery Management Systems**



Stefan Walter,
Product Manager Electromobility & Electric Drives, dSPACE



17:00 **END OF CONGRESS**