

# Program Schedule

**Monday, 2 March 2026**

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07:30 – 08:15 Registration

## Morning Session

Evaluation and Simulation of Battery Lifetime  
*Chairwoman: Rebecca Wilhelm (TUM)*

08:15 – 08:30 TUM, BMW Group, Fraunhofer IGCV  
*Welcome remarks*

08:30 – 09:15 Dirk Uwe Sauer, CARL, RWTH Aachen University  
*Lithium and Sodium Plating – From Crystal Structure to Reversible Short Circuits in Operation*

09:15 – 10:00 Johannes Wandt, BMW Group and University of Agder  
*Two Years of Electrolyte Motion Induced Salt Inhomogeneity – What do we (not yet) Know*

10:00 – 10:45 Jeff R. Dahn, Dalhousie University  
*Modern Chemical Silicon Carbon Materials are Amazing*

10:45 – 11:15 **Coffee Break**

11:15 – 12:00 Weihan Li, CARL, RWTH Aachen University  
*Digital Battery with AI: From Testing to Operation*

12:00 – 12:45 Gregory J. Offer, Imperial College London  
*Predicting the Lifetime of Lithium-Ion Batteries via Physics Based Modelling*

12:45 – 12:55 **Group Picture**

12:55 – 14:00 **Lunch Reception**

## Afternoon Session

Li-Ion Battery Fabrication and Up-Scaling  
*Chairwoman: Lara Link (TUM)*

14:00 – 14:45 Verena Drews & Rainer Stern, V4SMART GmbH & Co. KG  
*Series Production of Cylindrical Ultra-high Power Li-Ion Cells in Germany*

14:45 – 15:30 Christophe Mille, Verkor  
*Verkor's Journey to Industrial Excellence*

15:30 – 16:00 **Coffee Break**

16:00 – 16:45 Simon Lux, Fraunhofer FFB  
*Addressing Energy & Material Demand in Europe's Shift to a Local Circular Economy for Li-Ion Batteries*

16:45 – 17:30 Martin Hiller, BMW Group  
*From Ideal Design to Robust Production: Quality-Driven Cell Industrialization at BMW*

19:00 – 22:00 Conference Dinner (Restaurant Poseidon, Garching)

# Program Schedule

Tuesday, 3 March 2026

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08:00 – 08:30 Registration

## Morning Session

Coating Technology, Electrode Structuring, and Battery Characterization

*Chairman: Moritz Rosar (TUM)*

08:30 – 09:15 Guinevere Giffin, Fraunhofer Institute for Silicate Research & Julius-Maximilians-University Würzburg  
*Enabling a Circular Battery Value Chain – How Direct Recycling and Battery Design go Hand in Hand?*

09:15 – 10:00 Louis F. J. Piper, University of Warwick  
*Let's Talk about LMFP for EV*

10:00 – 10:45 Arno Kwade, Technical University of Braunschweig  
*Dry and Semi-dry Production of Electrodes - From Lithium-Ion to All-Solid-State Batteries*

10:45 – 11:15 **Coffee Break**

11:15 – 12:00 Peter Keil, Battery Dynamics GmbH  
*Aging & Fast-Charging of Lithium-Ion Batteries: Faster Diagnostics with High Precision Coulometry*

12:00 – 12:45 Michal Leskes, Weizmann Institute of Science  
*Linking Structure & Function of the SEI on Oxide and Metal Anodes by New Solid State NMR Approaches*

12:45 – 14:00 **Lunch Reception**

## Afternoon Session

Advances in All-Solid-State Batteries

*Chairman: Moritz Bohn (TUM)*

14:00 – 14:45 Nella M. Vargas-Barbosa, University of Bayreuth  
*Reproducibility and Transport Quantification in All-Solid-State Battery Composite Electrodes*

14:45 – 15:30 Linda F. Nazar, University of Waterloo  
*Halide & Oxyhalide Solid Electrolytes and their Interfaces in Lithium Solid State Batteries*

15:30 – 16:00 **Coffee Break**

16:00 – 16:45 Bettina V. Lotsch, Max Planck Institute for Solid State Research  
*Microstructure Design, Phase Engineering, and Synthesis Optimization in the Superionic Solid Electrolyte  $t\text{-Li}_7\text{SiPS}_8$*

16:45 – 17:30 Anja Bielefeld, Justus-Liebig-Universität Gießen  
*All-Solid-State Battery Electrodes, where Electrochemistry and Mechanics come Together*

17:30 – 17:45 TUM, BMW Group, Fraunhofer IGCV  
*Concluding remarks*