

Session Program

28 June 2026 to 3 July 2026



International Symposium on Beyond Lithium-Ion Batteries 2026 - BeLi26

Invited Talks

ETH Zurich, Paul-Scherrer-Auditorium ETA
Gloriastrasse 37a 8006 Zürich

Monday 29 June

09:40

Invited Talks: Ingo Crossing - Towards Novel Electrolyte Systems for Lithium-Based Battery Systems

Session | **Location:** ETH Zurich, Paul-Scherrer-Auditorium ETA, Gloriastrasse 37a 8006 Zürich

10:05

10:05

Invited Talks: Sebastian Risse - Advancing Lithium-Sulfur Battery Technology: The Critical Role of Multimodal Operando Analysis in Multilayer Pouch Cells

Session | **Location:** ETH Zurich, Paul-Scherrer-Auditorium ETA, Gloriastrasse 37a 8006 Zürich

10:30

11:10

Invited Talks: Axel Gross - First-Principles Studies of the Structure and Stability of Battery Materials

Session | **Location:** ETH Zurich, Paul-Scherrer-Auditorium ETA, Gloriastrasse 37a 8006 Zürich

11:35

14:00

Invited Talks: Erik Berg - From Plating to Passivation: Operando Analysis of Mg and Zn Metal Electrodes for Grid Storage

Session | **Location:** ETH Zurich, Paul-Scherrer-Auditorium ETA, Gloriastrasse 37a 8006 Zürich

14:25

16:05

Invited Talks: Louis F. J. Piper - Back to Future: Lithium Metal Pouch Cells with Liquid Electrolytes

Session | **Location:** ETH Zurich, Paul-Scherrer-Auditorium ETA, Gloriastrasse 37a 8006 Zürich

16:30

17:00

Invited Talks: Mircea Dinca - TAQ: A Small Molecule Layered Organic Cathode for High Energy Density, Fast-Charging, and Long-Lasting Batteries

Session | **Location:** ETH Zurich, Paul-Scherrer-Auditorium ETA, Gloriastrasse 37a 8006 Zürich

17:25

Tuesday 30 June

09:40

Invited Talks: Yuri Surace - Magnesium Metal Batteries: from Active Materials to Pouch Cell Prototypes

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10:05

10:05

Invited Talks: Magda Titirici - Beyond Li: Na, K and Al based batteries-progress, challenges and perspectives

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10:30

11:10

Invited Talks: Maryam Nojabaei - Electrolyte Transport Properties and Interfacial Processes in Calcium and Magnesium Metal Batteries

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11:35

14:05

Invited Talks: Ivana Hasa - Elucidating Morphological Evolution and Interfacial Processes on μ -Sn anodes for Sodium-ion Batteries

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14:30

16:10

Invited Talks: Michael Metzger - Unexpected Gassing Phenomena in Sodium Layered Oxide/Hard Carbon Cells

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16:35

17:05

Invited Talks: Alejandro Franco - Mesoscale Modeling and AI to Optimize the Manufacturing of Sodium Ion Batteries

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17:30

Thursday 2 July

09:40

Invited Talks: Ivano Casteli - Accelerated Design of Battery Materials via Autonomous Workflows

Session | **Location:** ETH Zurich, Paul-Scherrer-Auditorium ETA, Gloriastrasse 37a 8006 Zürich

10:05

10:05

Invited Talks: Partha Mukherjee - Gradients and Instabilities in Solid-State Batteries

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10:30

14:05

Invited Talks: Stacey Bent - Cryogenic X-ray Photoelectron Spectroscopy for Stable Analysis of Battery Interfaces

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14:30

16:10

Invited Talks: Dominic Bresser - Impact of the Current Collector for (“Zero-Excess”) Lithium-Metal Anodes

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16:35

17:05

Invited Talks: Juan Miguel López del Amo - Ex Situ and In Situ/ Operando Solid-State NMR of Interfaces in Solid-State Batteries: Reactivity, Li Transport, and Dendrite Formation

Session | **Location:** ETH Zurich, Paul-Scherrer-Auditorium ETA, Gloriastrasse 37a 8006 Zürich

17:30

Friday 3 July

09:40

Invited Talks: Corsin Battaglia - Recent Advances in the Understanding of Sodium Metal Chloride Batteries

Session | **Location:** ETH Zurich, Paul-Scherrer-Auditorium ETA, Gloriastrasse 37a 8006 Zürich

10:05

10:05

Invited Talks: Shruti Hariyani - Interplay between Stereochemically Active Lone Pair Repulsions, Sigma Hole Interactions, and Delocalized Redox Processes in Topochemical Fluoride-Ion Insertion

Session | **Location:** ETH Zurich, Paul-Scherrer-Auditorium ETA, Gloriastrasse 37a 8006 Zürich

10:30