SAVE $300! REGISTER BY APRIL 25

FINAL AGENDA

SOLID-STATE BATTERY SUMMIT

Reducing Costs and Achieving Safe, High Energy Density Batteries with Solid Electrolytes

AUGUST 12-13, 2025 | CHICAGO, IL + VIRTUAL

SODIUM-ION BATTERY CONFERENCE

Advancing Energy Storage with a Focus on Sustainability and Efficiency

2025 Featured Speakers:

Tobias Glossmann
Mercedes-Benz Research & Development North America

Chisu Kim, PhD
Hydro-Quebec

Shirley Meng, PhD
Hydro-Quebec Argonne National Laboratory & University of Chicago

Rana Mohtadi, PhD
Toyota Research Institute of North America

Bruce Dunn, PhD
University of California Los Angeles

Asmae El Mejdoubi, PhD
Tiamat SAS

Guosheng Li, PhD
Pacific Northwest National Laboratory

Arumugam Manthiram, PhD
University of Texas Austin

Cambridge EnerTech

CambridgeEnerTech.com/Solid-State-Batteries

Program Agenda

SOLID-STATE BATTERY SUMMIT

August 12-13, 2025 • Chicago, IL

TUESDAY, AUGUST 12

7:00 am Registration and Morning Coffee

APPLICATIONS & MARKET

8:20 Organizer's Remarks
Craig Wohlers, General Manager, Cambridge EnerTech

8:25 Chairperson's Remarks
Steven Visco, PhD, CEO & CTO, PolyPlus Battery

8:30 Insights into Successful Scale-Up—A Possible Recipe
Halle Cheeseman, PhD, Program Director, ARPA-E
Solid State Batteries are inevitable but how will the many valleys of death be traversed? Over the last 20 years, there have been few to no western companies achieving commercial success with a new battery technology. How can Solid State beat the trend? This presentation will highlight the problems and offer solutions. Topics will include: identifying a winning proposition, maximizing yield early, beachhead markets, and riding the wave.

9:00 Discovery of Recent Solid-State Battery Developments—Will They Hit Mass Production Sooner than Expected?
Ines Miller, Team Lead Battery Cells, E Mobility, P3 Automotive GmbH
Recent developments and announcements, especially from China, suggest that solid-state battery technology might be advancing faster than anticipated. Rumors indicate that leading players are already scaling production, with mass production targeted even before 2030. In this talk, we will deep dive into the technology's maturity, assess industry leaders' progress in production and industrialization, and compare developments and competitiveness in China, the EU, and the US.

9:30 Pathways to Commercialize Solid-State Battery Technology through Collaborations across the Value Chain
Sumin Zhu, PhD, Co-Founder & CEO, Ampcera, Inc.
The commercialization of SSB technology presents both significant opportunities and challenges. This presentation explores the critical pathways for bringing SSBs from the R&D phase to commercial launch. Focusing on the importance of strategic collaborations across the value chain, we discuss how partnerships between material and equipment suppliers, battery manufacturers, OEMs, and research institutions can accelerate technological advancements, reduce costs and time-to-market, and enhance scalability.

10:00 Grand Opening Coffee Break in the Exhibit Hall with Poster Viewing (Sponsor Opportunity Available)

OEM PERSPECTIVES ON SOLID-STATE

10:45 Solid State Batteries: Progress in Solid Electrolytes and Needs
Rana Mohtadi, PhD, Senior Principal Scientist, Materials Research, Toyota Research Institute of North America
Solid state electrolyte SSE materials hold the key to enabling highly efficient solid state battery technologies. Thus, the demonstration of SSEs capable of meeting the performance metrics demanded is of a paramount importance. Herein, we will provide an update related to progresses being made in the area of SSE material development.

11:15 Lithium Metal—A Unique Anode Worthy of Special Attention
Tobias Glossmann, Principal Systems Engineer, HV Battery Research and Test Lab, Mercedes-Benz Research and Development North America
An increased number of battery types are expected to use Li-metal anode technology in the coming years. They are attractive for energy density and enable more choices of positive electrode materials. Stakeholders from industry and academia came together to identify open questions and serious challenges that must be addressed to enable successful integration. This talk will summarize these activities and highlight important issues to consider when testing Li-metal cells.

11:45 Sponsored Presentation *(Opportunity Available)*

12:15 pm Enjoy Lunch on Your Own

OEM PERSPECTIVES ON SOLID-STATE

1:40 Chairperson's Remarks
Rana Mohtadi, PhD, Senior Principal Scientist, Materials Research, Toyota Research Institute of North America

1:45 Unlocking Silicon's Potential: Advanced Diagnostics in Solid-State Battery Development
Owen Lu, PhD, Research Engineer, Ford Motor Company
Silicon offers immense potential as an anode material in solid-state batteries (SSBs). However, significant challenges, such as substantial volume expansion and resultant structural degradation, must be addressed to pave the way for its commercialization. The combination of Electrochemical Impedance Spectroscopy (EIS) and Focused Ion Beam-Scanning Electron Microscopy (FIB-SEM) provides a comprehensive understanding of the electro-chemo-mechanical behavior of silicon-based SSBs, ultimately advancing the development of high-performance, durable SSBs.

2:15 Investigation of Structure-Diffusion Relationship in Halide SEs Using Atomistic Simulations
Masanobu Uchimura, Senior Manager, Nissan Advanced Technology Center Silicon Valley, Nissan North America Inc.
Halide SEs have surged in popularity as they offer a good balance of high ionic conductivity (>1 mS/cm), high voltage stability (>4 V), and mechanical properties. More recently, amorphous halide (including oxy-halide) SEs have been reported with ultra-high ionic conductivity of >10 mS/cm. In this talk, we demonstrate how we leverage cutting-edge atomistic simulation tools to investigate and elucidate the conduction mechanisms in crystalline and amorphous halide SEs.

2:45 Sponsored Presentation *(Opportunity Available)*

3:15 Refreshment Break in the Exhibit Hall with Poster Viewing *(Sponsorship Opportunity Available)*

R&D ADVANCEMENTS IN SOLID-STATE BATTERIES

3:45 Quest for Scalable Sulfide-Based Solid-State Batteries
Chisu Kim, PhD, Director of Research and Strategy, Hydro-Quebec
This presentation will address the critical challenges of sulfide-based solid-state batteries at the material and process levels for their large-scale commercialization in coming years. New types of binders will be highlighted; these are being developed to improve the mechanical properties and electrochemical stability of the cathode, electrode, and electrolyte film, as well as to reduce the particle-to-particle interface resistances of lithium-ion transport.

4:15 Development of Fully Solid State Batteries Requiring Little or No External Pressure
Steven Visco, PhD, CEO & CTO, PolyPlus Battery
In January 2025, a fire destroyed the 4,000 MWh energy storage facility near Monterey, California, highlighting the need for safer batteries. PolyPlus develops batteries based on oxides and sulfide electrolytes, and has demonstrated specific energies greater than 1500 Wh/kg for advanced 500 Ah batteries. In this presentation, we will address the challenges and solutions to the development and fabrication of rechargeable solid-state and primary lithium-metal next-generation batteries.

4:45 Networking Reception in the Exhibit Hall with Poster Viewing (Sponsor Opportunity Available)

5:45 Close of Day

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Program Agenda

SOLID-STATE BATTERY SUMMIT

August 12-13, 2025 • Chicago, IL

WEDNESDAY, AUGUST 13

7:30 am Registration and Morning Coffee

R&D ADVANCEMENTS IN SOLID-STATE BATTERIES

7:55 Chairperson's Remarks

David Mitlin, PhD, David Allen Cockrell Professor in Engineering, University of Texas Austin

8:00 Building a Completely Dry Solid-State Battery with a Silicon Anode

Kevin Wujcik, PhD, CTO, R&D, Blue Current Inc.

Blue Current is developing fully dry solid-state batteries featuring silicon active material anodes and flexible composite electrolytes. The company is now scaling production of 2 Ah solid-state pouch cells at its pilot facility in Hayward, CA. In this presentation, Blue Current will provide a detailed exploration of its cell performance capabilities and an update regarding the company's pouch-cell commercialization roadmap.

8:30 Delivering on Our JDAs and A-Sample Results

Adrian Tylim, Head Business Development North America, Blue Solutions

Leading the solid-state battery industry, Blue Solutions has over a decade of experience successfully deploying its technology in thousands of electric vehicles. Our fourth-generation chemistry and cells, leveraging ultra-thin lithium-metal anodes and a range of cathode options, have resulted in key joint development agreements with OEMs. This year, we'll unveil our progress through the release of A-samples.

9:00 Sponsored Presentation *(Opportunity Available)*

9:30 Coffee Break in the Exhibit Hall with Poster Viewing *(Sponsorship Opportunity Available)*

10:00 Better Texture for Better Battery—New Perspective on All Solid-State Cells

Shirley Meng, PhD, Director, Energy Storage Research Alliance (ESRA), Argonne National Laboratory; The Liew Family Professor, The University of Chicago

Soft metals like lithium and sodium have excellent properties for being batteries' negative electrodes, with lithium considered as an ultimate anode material for future high-energy rechargeable batteries. There is a gap in understanding the grain orientation, also known as the texture, how such factor impacts the rechargeable metal battery performance. In this talk, I will explain how texturing can enable better performance in all solid state batteries.

10:30 The Road to a Solid-State Powered Future: Automotive Qualification and the "A-Sample" Cell

Josh Buettner-Garrett, CTO, Solid Power

This presentation will update the audience on Solid Power's path to market and automotive qualification progress.

11:00 Updates in Lithium-Metal Battery Technology

Cheng-Chieh Chao, PhD, Vice President, R&D, Quantumscape

QuantumScape's Vice President of Cathode, Cheng-Chieh Chao, will highlight recent developments in solid-state lithium-metal battery technology for automotive applications and discuss innovative commercialization strategies, like using licensing models, that are gearing up to get this technology on the road as quickly and cost effectively as possible.

11:30 Enjoy Lunch on Your Own

R&D ADVANCEMENTS IN SOLID-STATE BATTERIES

12:55 pm Chairperson's Remarks

Adrian Tylim, Head Business Development North America, Blue Solutions

1:00 Are Solid-State Li-Metal Batteries Non-Flammable?

Mickael Dollé, PhD, Professor, Department of Chemistry, Université de Montréal

All solid-state Li-metal batteries are the focus of extensive research activities given their perceived potential to meet the safety requirements of advanced applications. With the absence of liquids, these batteries are often considered safer and non-flammable. However, we will discuss a concerning area that has been largely overlooked regarding the exothermic reactivity of Li metal when in contact with standard cathode materials.

1:30 Control of Two Solid Electrolyte Interphases at the Negative Electrode of an Anode-Free All Solid-State Battery Based on Argyrodite Electrolyte

David Mitlin, PhD, David Allen Cockrell Professor in Engineering, University of Texas Austin

Electrochemical stability of an anode-free all solid-state battery (AF-ASSB) based on argyrodite Li_6PS_5Cl (LPSCl) requires control of two distinct solid electrolyte interphases, SEI-1 and SEI-2. A mechanistic explanation for the observed Li segregation within the alloying LixMg layer is provided through mesoscale modelling, considering the role of diffusivity differences and of interfacial stress.

2:00 Refreshment Break in the Exhibit Hall with Last Chance for Poster Viewing *(Sponsorship Opportunity Available)*

SOLID-STATE BATTERY SAFETY

2:30 Advanced Solid-State Air Batteries to Decarbonize Transportation

Mohammad Asadi, PhD, Assistant Professor, Illinois Institute of Technology

In this summit, I will present our recently developed cost-effective and energy-efficient solid-state air-battery technologies with superior energy density as a potential to defossilize heavy transport sectors such as heavy ground transportation, aviation, and maritime shipping.

3:00 Ceramic-Polymer Composite Electrolytes for Solid-State Batteries

Chelsea Chen, PhD, Polymer Physicist, Oak Ridge National Laboratory

We develop a composite electrolyte consisting of a single-ion-conducting polymeric host with high entropy Li-garnet particles as fillers. The composite electrolyte boasts high ionic conductivity (~10-4 S/cm at room temperature) and a high Li^+ transference number (0.75). Furthermore, the composite electrolyte shows stability with Li-metal anodes and greatly improved dendrite resistance due to a desirable combination of ion-transport and rheological properties.

3:30 Understanding Safety of New Technologies (SSB, Na-ion, Li-Metal) from the Ground, Up

Nathan Johnson, PhD, Postdoctoral Appointee, Sandia National Laboratories

Sandia National Laboratories aims to create a comprehensive safety framework for next-generation batteries, integrating material testing, mechanistic modeling, and safety assessments. This approach will mitigate risks, streamline design, and establish safety criteria crucial for advancing battery technology.

4:00 Close of Summit

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SODIUM-ION BATTERY CONFERENCE

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TUESDAY, AUGUST 12

7:00 am Registration and Morning Coffee

8:20 Victoria Mosolgo, Conference Producer, Cambridge Enertech

ADVANCES IN SODIUM-ION BATTERY MATERIALS

8:25 Chairperson's Remarks

Asmae El Mejdoubi, PhD, Chief Product Officer, Product Department, Tiamat SAS

8:30 Sustainable Sodium Ion

Fu Chen, PhD, Director of Analytical NMR Facility Department of Chemistry and Biochemistry, University of Maryland, College Park

The replacement of rechargeable lithium-ion batteries with sodium-ion batteries (SIBs) have attracted significant interest because of its similarities in chemical behavior to lithium and its vast abundance. Many advanced technologies including XPS and SEM have been utilized to study SIBs. In this work, solid-state nuclear magnetic resonance spectroscopy (SSNMR) was employed to study local structural information of sodium phosphorus oxynitride (NaPON), a thin-film solid-state electrolyte for SIBs.

9:00 Molecular-Level Precursor Control Strategy Enhances Fast-Charging Hard Carbon Anodes for Sodium-ion Batteries

Shulei Chou, PhD, Professor, Chemistry, Wenzhou University

This study presents a microwave-assisted synergistic acid treatment to modify natural lotus peduncle-derived hard carbon for sodium-ion batteries (SIBs). The method improves structural regulation, enhancing rate capability and cycling stability, achieving a capacity of 354.8 mAh g-1 at 20 mA g-1.

9:30 Hard Carbons

Nuria Tapia Ruiz, PhD, Senior Lecturer, Department of Chemistry, Imperial College London

Hard carbon is a promising negative electrode material for sodium-ion batteries due to the ready availability of their precursors and high reversible charge storage. The reaction mechanisms that drive the sodiation properties in HC and subsequent electrochemical performance are strictly linked to the characteristic slope and plateau regions observed. The talk will focus on the use of electron paramagnetic resonance to gain further mechanistic insights into HCs.

10:00 Grand Opening Coffee Break in the Exhibit Hall with Poster Viewing (Sponsor Opportunity Available)

SODIUM-ION BATTERY PERFORMANCE AND STABILITY

10:45 Na-Battery Lifecycle

Bruce S. Dunn, PhD, Distinguished Professor of Materials Science and Engineering, Nippon Sheet Glass Chair, University of California Los Angeles

The increased interest in sodium-ion batteries has led to an active effort in identifying a new generation of electrode materials. In particular, pseudocapacitive materials have attracted considerable attention because of the prospect of achieving high energy density at high rates of charge and discharge. This presentation reviews our recent findings involving crystalline and amorphous TiO_2 and VO_2 and their function as anodes and cathodes for sodium-ion batteries.

11:15 Cycling Stability of Sodium-ion Batteries

Anji Reddy Munnangi, PhD, Senior Lecturer, Electrochemical Energy Storage, Swansea University

This study synthesizes polycrystalline and single-crystal P2-type Na0.67−δMn0.67Ni0.33O2 cathodes for sodium-ion batteries. The single-crystal cathode demonstrates significantly better cycling stability, achieving 47% higher capacity retention after 175 cycles, due to reduced parasitic side reactions.

11:45 Sponsored Presentation *(Opportunity Available)*

12:15 pm Enjoy Lunch on Your Own

HIGH-POWER AND INDUSTRIAL APPLICATIONS

1:40 Chairperson's Remarks

Nuria Tapia Ruiz, PhD, Senior Lecturer, Department of Chemistry, Imperial College London

1:45 Sodium-ion Battery for High Power Applications

Asmae El Mejdoubi, PhD, Chief Product Officer, Product Department, Tiamat SAS

Sodium-ion batteries are garnering attention; this attention is mainly motivated by the large abundance of sodium. Unlike other sodium-ion cells intended as a potentially low-cost alternative to lithium-ion batteries, TIAMAT proposes NVPF-HC sodium-ion cells for high power applications. The proposed cells offer high power performances, long lifetime, and high safety.

2:15 Sodium-Based Batteries for Gigawatt-Scale Energy Storage: Opportunities and Challenges

Guosheng Li, PhD, Senior Scientist, Battery Chemistry & Electrochemistry Group, Pacific Northwest National Laboratory

Durable, low-cost, and safe energy storage is crucial for balancing the electric grid. With sodium (Na) being more abundant and affordable than lithium, Na-based batteries are emerging as a strong alternative to lithium-ion batteries (LIBs) for large-scale storage. They offer lower material costs and a more stable supply chain, making them ideal for gigawatt-scale grid applications where cost per kilowatt-hour (kWh) is a critical factor.

2:45 Sponsored Presentation *(Opportunity Available)*

3:15 Refreshment Break in the Exhibit Hall with Poster Viewing *(Sponsorship Opportunity Available)*

SODIUM-ION SCALE UP

3:45 PANEL DISCUSSION: Scaling Sodium-ion: From Laboratory Innovation to Commercial Deployment

Moderator: Asmae El Mejdoubi, PhD, Chief Product Officer, Product Department, Tiamat SAS

- Bridging the Gap between R&D and Manufacturing: What are the biggest hurdles in scaling up SIB production?
- Standardization & Supply-Chain Readiness: Are there enough raw-material and supply-chain structures in place to support mass adoption?
- Competing with Established Technologies: Where can SIBs carve out a strong foothold alongside or against lithium-based batteries?

Panelists:

Guosheng Li, PhD, Senior Scientist, Battery Chemistry & Electrochemistry Group, Pacific Northwest National Laboratory

Nuria Tapia Ruiz, PhD, Senior Lecturer, Department of Chemistry, Imperial College London

4:45 Networking Reception in the Exhibit Hall with Poster Viewing (Sponsor Opportunity Available)

Program Agenda

SODIUM-ION BATTERY CONFERENCE

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5:45 **Close of Day**

WEDNESDAY, AUGUST 13

7:30 am **Registration and Morning Coffee**

NOVEL ELECTRODE MATERIALS AND CHEMISTRIES

7:55 **Chairperson's Remarks**
Hui Claire Xiong, PhD, Associate Professor, Materials Science & Engineering, Boise State University

8:00 **Electrodes in Sodium Batteries**
Shinichi Komaba, PhD, Professor, Applied Chemistry, Tokyo University of Science
This study improves the cycling stability of P'2-Na2/3MnO2, a promising Na-ion battery cathode, by doping with Sc3+ ions. The doping reduces capacity decay without sacrificing performance, helping maintain crystallinity and structure during cycling, enhancing battery lifespan.

8:30 **Development of Earth-Abundant Mn-Rich Positive Electrode Materials for Sodium-ion Batteries**
Hui Claire Xiong, PhD, Associate Professor, Materials Science & Engineering, Boise State University
Sodium-ion batteries (SIBs) are considered as an appealing candidate owing to the abundance and low cost of raw materials. In this talk, I will introduce our recent work at the Electrochemical Energy Materials Laboratory (EEML) related to the development of earth-abundant Mn-rich layered oxide positive electrode materials for SIBs. We hope to provide some perspectives regarding the promises and challenges in developing these materials.

9:00 **Sponsored Presentation** *(Opportunity Available)*

9:30 **Coffee Break in the Exhibit Hall with Poster Viewing** *(Sponsorship Opportunity Available)*

EMERGING ANODE, CATHODE, AND ELECTROLYTE TECHNOLOGIES

10:00 **Delineating the Intricacies of Sodium-ion Battery Cathodes and Their Interfaces**
Arumugam Manthiram, PhD, Abell Endowed Chair, Engineering, University of Texas Austin
Sodium-ion batteries offer a significant cost and sustainability advantage compared to lithium-ion batteries, but they are hampered by severe challenges with cathodes, anodes, and electrolytes and the interfaces associated with them. This presentation will focus on the intricacies involved with layered oxide and Prussian blue analogue cathodes and design of cathode morphology and electrolytes to overcome the challenges. Use of advanced characterization methodologies to delineate the intricacies will be presented.

10:30 **Anodes for Sodium-ion Batteries Based on Tin-Germanium-Antimony Alloys**
David Mitlin, PhD, David Allen Cockrell Professor in Engineering, University of Texas Austin
This study examines how current collector support chemistry (sodiophilic intermetallic Na2Te vs. sodiophobic baseline Cu) and electrodeposition rate affect microstructure of sodium metal and its solid-electrolyte interphase (SEI). Capacity and current (6 mAh cm-2, 0.5-3 mA cm-2) representative of commercially relevant mass loading in anode-free sodium-metal battery (AF-SMBs) are analyzed.

11:00 **Nuclear Magnetic Resonance Investigations of Ion Transport in Sodium Electrolytes**
Steven G. Greenbaum, Professor, Physics & Astronomy, Hunter College, City University of New York
Research into sodium-based batteries grows due to cost advantages. NMR spectroscopy, like 23Na NMR, characterizes ion transport in sodium electrolytes. Challenges include broad resonances from 23Na's large quadrupole moment. Nonetheless, PFGD successfully studies cation and anion transport, revealing transference numbers and ion pairing in Na-electrolyte systems.

11:30 **Enjoy Lunch on Your Own**

ADVANCED CHARACTERIZATION AND MECHANISMS

12:55 pm **Chairperson's Remarks**
Robert Stanek, Global Advisor, Business Strategy & Alternative Powertrains, P3 Automotive GmbH

1:00 **Advanced Characterization Techniques for *in situ* and *operando* Studies of Sodium-ion, Solid-State, and Other Energy Storage Devices in Action**
Zhenxing Feng, Associate Professor, Chemical Engineering, Oregon State University
This talk explores advanced characterization techniques for *in situ* and *operando* studies of sodium-ion, solid-state, and other energy storage devices. It highlights methods that allow real-time observation of materials and reactions during operation, providing insights into performance, stability, and mechanisms at the atomic and molecular levels.

1:30 **The Sodiation Mechanism in Sn/Hard Carbon Composite Anodes for Sodium-ion Batteries and the Importance of the Electrolyte**
Ivana Hasa, Associate Professor of Electrochemical Materials, University of Warwick (WMG)
This study examines Sn/Hard Carbon-based anodes for sodium-ion batteries (SIBs). While nanosized Sn suffers from instability due to severe volume expansion, micrometric Sn (μ-Sn) demonstrates enhanced stability, particularly in glyme-based electrolytes. Composite μ-Sn/HC electrodes exhibit enhanced stability and long cycle life due to the formation of a robust porous Sn network, which mitigates volume expansion and structural degradation, offering a promising pathway for high-performance SIB anodes.

2:00 **Refreshment Break in the Exhibit Hall with Last Chance for Poster Viewing** *(Sponsorship Opportunity Available)*

THE ROAD AHEAD FOR SODIUM IONS: DEFINING A UNIQUE MARKET ROLE

2:30 **How Can SiB Beat LFP in Future Applications from Technology, Market, Cost, and Sourcing Perspectives?**
Robert Stanek, Global Advisor, Business Strategy & Alternative Powertrains, P3 Automotive GmbH
The sodium-ion battery (SIB) landscape has been marked by measured progress rather than dramatic breakthroughs. While early expectations of SIBs centered on supply-chain advantages, the technology now faces the challenge of proving its value proposition beyond merely being a lithium-free alternative. We examine the technical gaps that still need to be addressed and evaluate the market conditions and cost structures that would enable SIB to establish themselves.

3:00 **PANEL DISCUSSION: The Road ahead for Sodium-ion Batteries: Competing with LFP and Defining a Unique Market Role**
Moderator: Robert Stanek, Global Advisor, Business Strategy & Alternative Powertrains, P3 Automotive GmbH

• Key Technical Milestones: How can SIBs improve energy density and cycle life to match LFP's reliability?

• Market Positioning: Which applications (stationary storage, entry-level mobility, or others) offer the most realistic adoption pathway for SIBs?

• Cost & Supply Chain Considerations: With lithium prices fluctuating, does SIB's supply chain advantage still hold weight?

• Policy & Investment Outlook: What role do regulations and funding initiatives play in shaping SIB's future?

Panelists:

Ivana Hasa, Associate Professor of Electrochemical Materials, University of Warwick (WMG)

Hui Claire Xiong, PhD, Associate Professor, Materials Science & Engineering, Boise State University

4:00 **Close of Summit**

Tutorials

August 12, 2025 | 5:45 – 7:15 pm • Chicago, IL

TUESDAY, AUGUST 12 5:45-7:15 PM

TUT1: The Rechargeable Battery Market Value Chain & Main Trends

Instructor:

Michael Sanders, Senior Advisor, Energy, Avicenne Energy

This tutorial will present the 10-year automotive market forecasts from Avicenne and other analysts (micro/Hybrid/P-HEV/EV). Other coverage will include car makers' strategies and advanced energy storage (advanced lead acid/supercap/NiMH/LIB). Additionally, LIB design for P-HEV & EV markets (cylindrical, prismatic, pouch/wounded, stacked, Z fold cells) and LIB cell, module, and pack cost structure will be discussed.

TUT2: Technology Innovation in the Chinese Battery Industry

Instructor:

Shmuel De-Leon, CEO, Shmuel De-Leon Energy Ltd.

This training incorporates Shmuel De-Leon's review of new Chinese innovative technologies presented during 2024-2025. The motivation behind the training is to provide attendees with the knowledge of China's new technology market trends as China is the larger player on battery materials, cells, and battery-pack manufacturing.

PRESENT A POSTER & SAVE $50

Cambridge EnerTech encourages attendees to gain further exposure by presenting their work in the poster sessions. To secure an onsite poster board and/or ensure your poster is included in conference materials, your submission must be received, and your registration paid in full, by **July 18, 2025.**

Register and indicate that you would like to present a poster. Once your registration has been fully processed, we will send an email with a unique link and instructions for submitting your materials. Please see website for more information.

Reasons you should present your R&D findings at this conference:

- Your research will be seen by leaders from top commercial, academic, and government institutes
- Discuss your research and collaborate with interested attendees and speakers
- Your poster will be published in our conference materials
- Receive a $50 discount off your Commercial or Academic/Government registration

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SPONSORSHIP OPPORTUNITIES

PREMIER SPONSOR

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- 8'x10' exhibit space
- Three (3) Main conference registrations in addition to the speaker (excludes tutorials)
- Two (2) booth staff registrations
- Additional full conference registrations available at a discount for your staff (Limited to 5)

On Site/Enhanced Branding

- 30-minute presentation to all session attendees (live and virtual) as part of the main conference program
- Your choice of one of the following:

__Tuesday or Thursday Lunch
__Private Invitation-Only Dinner for 10-12 invited delegates plus 3 staff members
__6-8 One-on-one meetings with selected prospects (20 minutes)
__Keynote panel co-presenter (7-8 minutes)
__Keynote intro (10 minutes) (Exclusive)
__Battery Innovator Award
__Hotel key cards (Exclusive)
__Badge lanyards (Exclusive)
__Tote bags (Exclusive)
__Wi-Fi Co-Sponsor
__Welcome Reception (Tuesday – Exclusive)
__Foot trails carpet advertising

- Opportunity to host a break-out discussion table on the main conference program
- Banner ad in conference app
- Talk promoted in the final conference brochure, event web site, conference proceedings, program and exhibits guide and on-site signage highlighting your organization as a "Premier Sponsor"
- Corporate logo on the cover of the final conference brochure
- Corporate logo in the conference proceedings
- Corporate logo with link on the homepage of the event website
- 50-word company description in the Conference Materials
- On-site signage designating your company as a Premier sponsor
- Post conference attendee lists for one-time usage through a third-party mail house

CORPORATE SPONSOR Agenda Presentation

Exhibition/Meeting Space & Delegate Passes

- 8'x10' exhibit space
- Two (2) Main conference registrations (excludes tutorials)
- Complimentary registration for the speaker
- Two (2) booth staff registrations

Thought Leadership & Branding

- 15- or 30-minute presentation to all session attendees (live and virtual) as part of the main conference program
- Talk promoted in the final conference brochure, event website, conference proceedings, conference materials, and onsite signage

CORPORATE SPONSOR One-to-One Meetings

Exhibition/Meeting Space & Delegate Passes

- One 8'x10' exhibit space

Thought Leadership & Branding

- Small room for one-to-one meetings–Day and time to be determined
- CET will set up 6-8 one-to-one meetings and confirm attendance
- Sponsor (your company) will select invitees from the conference preregistration list
- CET will extend invitations, conduct follow-up, and monitor responses
- CET will place reminder cards in the badges of attendees onsite

CONTINUED ON NEXT PAGE

SPONSORSHIP OPPORTUNITIES

CORPORATE SUPPORT

Exhibition/Meeting Space & Delegate Passes

- One 8'x10' exhibit space
- Exhibit space includes table, two chairs, and wastebasket. Additional furnishings and materials can be ordered through the event Contractor. Information for ordering will be provided in your exhibitor kit which will be available 8-10 weeks prior to the event.
- One (1) main conference registration–excludes access to tutorials and training seminars
- Additional main conference registrations available at a discount for your staff–limited to 5

Thought Leadership & Branding

- The Corporate Support Sponsor will have the option to choose one of the following options:
- Coffee/Refreshment Break Sponsorship
- Floor-Standing Meter Board
- Poster Award Sponsorship
- Ad in the Program Materials
- Literature Distribution–"Chair Drop"
- One Additional Conference Registration

ALL PROGRAMS MENTIONED ALSO INCLUDE:

- Corporate logo on the cover of the final conference brochure
- Corporate logo in the conference proceedings
- Corporate logo with link on the homepage of the event website
- 50-word company description in the Conference Materials
- Pre- & post-conference attendee lists for one-time usage through a third-party mail house
- On-site signage designating your company as a sponsor
- Conference discount email for your clients & prospects: Provide us your list and we can send an email on your behalf OR we will provide you with a discount code to send out on your own–a savings of up to $200 will be offered

ADDITIONAL OPPORTUNITIES INCLUDE:

- Exhibit Booth Space–View Exhibit Contract
- Conference Tote Bags (Exclusive–includes tote bag insert)
- Registration Area Sponsor (Exclusive)
- Double-sided Meter Board

Contact Us for More Information:

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Conference Venue and Hotel:
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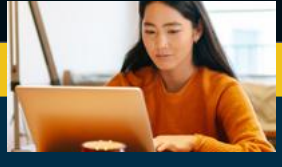
Chicago, IL 60605

Discounted Room Rate: $199 s/d
Discounted Room Rate Cut-off Date: July 14, 2025

Known as one of the most Iconic hotels in the city, the Hilton Chicago is often applauded for its great location overlooking Grant Park, Lake Michigan, and Museum Campus. With easy walking to Soldier Field you will have easy access to all things Chicago, baseball, concerts and festivals, shopping on Michigan Ave, as well as a thriving restaurant and bar scene. Besides the location, staying at the Hilton means a comfortable stay in their spacious and modern rooms with easy access to amenities like free wifi, fitness center, pool, and onsite cafes and restaurants.



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