

BATTERY TRACKS		EV TRACKS	
Track A: Battery Development	Track B: Battery In-Use	Track C: EV Development	Track D: EV In-Use
Supply Chain for Battery Raw Material	Battery Manufacturing Industry	Industry Market Forecast and Analysis	EV & HEV Design Innovation
Next-Generation Battery Chemistries	Battery Safety	Policy and Regulations (BIL + IRA)	EV Infrastructure
Battery Recycling	Grid-Scale Energy Storage	Electrification of the Fleet	EV Investments
Conference Theme: Navigating North America’s EV Transition			
Pre-Conference Workshops			
Monday, September 11, 2023			
Battery Recycling		Next-Gen Battery Technology	
Networking Lunch			
Battery Safety		Energy Storage	
VIP Welcome Reception			
Conference Agenda			
Tuesday, September 12th, 2023			
Room: Legacy			
Welcome & Chairman's Address			
E-Mobility Year in Review with (Keynote Speaker) + Fireside Chat with (Special Guest)			
Keynote I			
Coffee Networking Break			
Leaders' Roundtable: US Policy for a Zero-Emission EV Future			
Networking Lunch			
Track A: Battery Developments	Track B: Battery In-Use	Track C: EV Development	Track D: EV In-Use
Opening Panel: Perspectives on Battery Plant Siting & Early Development	Opening Panel: Developing the North American Lithium Mineral Supply Chain	Opening Panel: Battery and EV Investors Trends	Opening Panel: Winning the EV Race
Technical Session: Battery Market Overview	Technical Session: Policy on EV Batteries	Technical Session: Outlook for the US EV Battery Localization and Closed-loop Sustainability	Technical Session: The Drivers Behind North America's Battery Supply Chain Boom
Technical Session: Developments in Battery Recycling and the Battery Material Supply Chain	Technical Session: Testing to SAE J2464 for EV Manufacturers	Technical Session: Considerations for the Safe and Optimal Operation of Electric Bus Batteries	Technical Session: Advanced Material Solutions to Address Technical Challenges in Next-Generation Battery Charging, Thermal Management and Interconnects
Coffee Networking Break			
Lightning Talks: The Next-Generation Battery Techs to Watch out for	Lightning Talks: Advancing Battery Design	Lightning Talks: Grid Resilience and Innovation Technologies	Lightning Talks: Advances in Mitigating Battery Thermal Runaway
Conference Day 1 Closes			
Wednesday, September 13th, 2023			
Networking Breakfast			
Keynote II + Fireside Chat			
Leaders' Roundtable: Can We Build Charging Infrastructure Fast Enough to Meet Growing Demand?			
Networking Lunch			
Track A: Battery Developments	Track B: Battery In-Use	Track C: EV Developments	Track D: EV In-Use
Technical Session: Diagnostic Studies to Examine Performance Loss in Lithium Battery Cells	Technical Session: Advancements in Conductive Electrode Coatings	Technical Session: The First High Capacity Cellphone Battery with Pure Silicon Anodes	Technical Session: Cyber Security Risk in EV Charging Stations
Panel: Educating the Next Generation of Battery Workers	Panel: Safety of Lithium-Ion Batteries for Personal Transportation and Micromobility	Panel: Advent of Electrification in Aviation, Possibilities, Challenges, and New Developments	Panel: Energy Storage: Current and Future Use
Technical Session: Sodium Ion (Na- Ion) Battery	Technical Session: Grid-Scale Energy Storage	Technical Session: Non-automotive Battery Applications (Power Tools)	Technical Session: IIOT Impact on EV Manufacturing
Coffee Networking Break			

4:00pm-4:30pm	Technical Session: How to Manage Challenges of Repurposing EV Batteries	Technical Session: Key Barriers to BESS Deployment	Technical Session: Hydrogen Fuel Cell Vehicles	Technical Session: Advances in Wireless Battery Management System BMS
4:30pm-5:00pm	Case Study: How to Boost the Performance of Battery Cells without Modifying the Chemistry	Case Study: Multi-Scale Design of a Battery Thermal Management System Using a Digital Twin Approach	Case Study: Battery Swapping for the Heavy Duty Truck Market	Case Study: Stationary Battery Storage to Optimize EV Fast Charging locations
5:00pm	Conference Day 2 Closes			
6:00pm-7:30pm	Reception			

Day 3 Date

Thursday, September 14th, 2023

9:00am-9:15am
9:15am-10:00am
10:00am-10:30am
10:30am-11:30am
11:30am-1:00pm

1:00pm-1:45pm
2:00pm-2:45pm

3:00pm-3:30pm

3:30pm

Chairman's Closing Address			
Keynote III + Fireside Chat			
Networking Coffee Break			
Leaders' Roundtable: Battery and Critical Mineral Recycling			
Networking Lunch			
Track A: Battery Developments	Track B: Battery In-Use	Track C: EV Developments	Track D: EV In-Use
Technical Session: How to Manage Challenges of Repurposing EV Batteries	Technical Session: Encapsulant Foams for Thermal Runaway Mitigation, Light-Weighting, and Mechanical Dampening	Technical Session: A Data-Driven Approach for Component Modeling and Optimal Sizing of Battery Electric Vehicle Tractive Drive Systems	Case Study: Duke Energy and Electrada: Partnering on Microgrid-integrated EV Fleet Charging
Panel: Solving the US Critical Battery Metals Supply Chain Leveraging Deep Seabed Minerals	Panel: Battery Safety Testing and Regulations	Panel: : The E, the S and the G in the ESG	Panel: Battery Recycling in the Circular Economy
Lightning Talks: The Afterlife of Electric Vehicles: Battery Recycling and Repurposing	Lightning Talks: AI in Advanced Batteries (Smart Manufacturing)	Lightning Talks: Vehicle-to-Grid Charging: Regulators and Utilities Plan	Lightning Talks: Addressing and Bridging the EV Skills Gap
Conference Closes			

*Subject to Change