

2024 AGENDA AT A GLANCE

BATTERY TRACKS		EV TRACKS			Format	
Track A: Battery Development	Track B: Battery in Use	Track C: EV Development	Track D: EV in Use	Track E: Emerging Applications		
Next-Gen Battery Technology	Battery Supply Chain for Raw Materials	EV Investments	EV & HEV Design Innovation	Stationary Energy Storage		
Battery Safety	Battery Manufacturing	Policy and Regulations	EV Charging Infrastructure	Heavy Duty Applications		
Battery Intelligence	Battery Recycling	Foreign Competition and Collaborations	Consumer Perspectives	Aviation Electrification		
Conference Theme: The Future of North America's Electric Mobility: Revisiting What Happened, What Did Not, And Where We Go From Here						
Pre-Conference Workshops						
Monday, October 7th, 2024						
9:00am-12:00pm		Battery 101			Battery Manufacturing	Workshops
12:00pm-1:00pm						
Networking Lunch						
1:00pm-4:00pm		Battery Safety			Lead Acid Battery	Workshops
4:00 PM						
END OF WORK DAY						
Conference Agenda						
Tuesday, October 8th, 2024						
Room:						
8:45am-9:00am						
Informa Welcome						Welcome
9:00am-9:15am						
Chairman's Welcome Address						
9:15am-9:45am						
Fireside Chat						Keynote
9:45am-10:30am						
Keynote I						
10:30am-10:45am						
Networking Break						
10:45am-11:45am						
Leaders' Roundtable: Walking the Tight Rope: Business Model Impacts as Lithium Transitions from Specialty Chemical to sub \$10 Global Commodity						Leader's Roundtable
11:45am-1:15pm						
Networking Lunch						
Track A: Next-Gen Battery Technology	Track B: Battery Supply Chain for Raw Materials	Track C: EV Investments	Track D: EV & HEV Design Innovation	Track E: Stationary Energy Storage		
1:15pm-1:45pm	Industry Updates: Solid-State Technologies – Overview on Markets and Players in China and the West	Industry Updates: Impact of Policy on Battery Markets	Industry Updates: Competitive Market Analysis	Industry Updates: WardsAuto	Industry Updates: Emerging Battery Technology and the Potential Changes to the ESS Market	Industry Updates
2:00pm-3:00pm	Panel Discussion: Solid State Batteries: Cell Suppliers & Automakers Discuss the Status and Future of this Potentially Disruptive Technology	Panel Discussion: Chain Reactions: Assessing the Impact of EV Adoption Delays on the Battery Industry	Panel Discussion: Investment Trends and Opportunities in Electric Mobility	Panel Discussion: WardsAuto	Panel Discussion: Regulatory, Economic and Business Landscape of Stationary Energy Storage Market	Panels
3:00pm-3:15pm						
Networking Break						
3:15pm-3:45pm	Case Study: Li-Ion 46mm Cylindrical Hard Case Cells Market 2024	Case Study: South Africa's Critical Mineral and Battery Manufacturing Strategies	Case Study: WardsAuto	Case Study: Extreme Fast Charging Battery Technology: A Case Study on Integration into Prismatic Packaging	Case Study: Long Duration Energy Storage (LDES)	Case Studies
4:00pm-5:00pm	Lightning Talks: The New Battery Technologies that Could Power the Electric Vehicle Revolution	Lightning Talks: Creative Strategies for a Robust Global Battery Supply Chain	Lightning Talks: Closing the Opportunity Gap Between EV Startups and Venture Capital Funding	Lightning Talks: Outlook of EV Battery Pack Design Trends	Lightning Talks: Battery Technologies for BESS	Lightning Talks
5:00pm						
Conference Day 2 Closes						
Wednesday, October 9th, 2024						
9:00am-9:45am						
Keynote II						
9:30am-10:30am						
Keynote III + Fireside Chat						Keynote
10:45am-11:45am						
Leaders' Roundtable: Presidential Election's Implications for the IRA and EV Battery Supply Chain						Leader's Roundtable
11:45am-1:15pm						
Networking Lunch						
Track A: Battery Safety	Track B: Battery Manufacturing	Track C: Policy and Regulations	Track D: EV Charging Infrastructure	Track E: Heavy Duty & Alternative Applications		
1:15pm-2:15pm	Panel Discussion: Cracking the Fire Code for Life Safety & Asset Protection in the Battery Market	Panel Discussion: Challenges and Opportunities for Dry Battery Electrode (DBE) Technology in the Battery Industry	Panel Discussion: WardsAuto	Panel Discussion: Building a Robust Connected Mobility Infrastructure	Panel Discussion: How to Survive in a Pure-electric World as a Manufacturer of Mobile Machinery?	Panels
2:30pm-3:15pm	Technical Sessions: A Breakthrough in Battery Safety: The Detection of Battery Electrolyte Vapor for Battery Health Monitoring	Technical Sessions: Boxes of Go: Data Driven Kaizen at Toyota Battery Manufacturing North Carolina	Technical Sessions: The impact of the Inflation Reduction Act on the US Battery Sector	Track E: Heavy Duty & Alternative Applications	Technical Sessions: Attractiveness of Alternative Powertrains (BEV/FCEV/H2 ICE/CNG Hybrid/Diesel Hybrid) for Class 4 to 8 Commercial Vehicles from a Should Cost and TCO Perspective for the US Market (2027)	Technical Sessions
3:15pm-3:30pm						
Networking Break						
3:30pm-4:00pm	Case Study: We Didn't Start the Fire; but We Can Protect Against It	Case Study: Assessing the Future Cost of U.S. Manufactured Battery Packs	Case Study: Navigating Global Policy Trends for Battery Recyclers: Towards a Circular Economy	Case Study: Beyond the Drive: Tackling Idling Energy Consumption of Battery Electric Vehicle to Optimize the Range, Efficiency, and Better Infrastructure Planning	Case Study: Electrifying Off-Road Vehicles: Batteries for Mining and Construction Vehicles	Case Study
4:15pm-5:00pm	Technical Sessions: New Vehicle to Grid (V2G) Regulations and Standards. Preparing EV Manufacturers for Fire, Installation and Safety Codes driven by the Energy Storage System (ESS) market.	Technical Sessions: Exploring Unknown Correlations in Battery Cell Production Leveraging Machine Learning	Technical Sessions: WardsAuto	Technical Sessions: WardsAuto	Technical Sessions: Helping Decrease the Construction Industry's Carbon Emissions	Technical Sessions
5:00pm						
Conference Day Closes						
Thursday, October 10th, 2024						
9:00am-9:15am						
Chairman's Closing Address						
9:15am-10:00am						
Keynote IV						Keynote
10:00am-10:15am						
Networking Coffee Break						
10:15am-11:15am						
Leaders' Roundtable: Getting Real about the EV transition: A Global Perspective						Leader's Roundtable
Track A: Battery Intelligence	Track B: Battery Recycling	Track C: Foreign Competition and Collaborations	Track D: Consumer Perspectives	Track E: Aviation Electrification		
11:30am-12:00pm	Case Study: Transformation of Tesla battery performance with a new active balancing technology	Case Study: Battery Materials Circularity: Closing the Loop with Advanced Cathode Engineering	Case Study: How the EV Transition Is Reshaping the Global Auto Industry	Case Study: A Customer's Point of View	Case Study: The History of Electric Aviation	Case Study
12:00pm-1:15pm						
Networking Lunch						
1:15pm-2:15pm	Panel: Probing and Understanding of Failure Mechanisms of Lithium Batteries to Support Prognostic and Health Management	Panel: Navigating the Challenges of Achieving Self-Sustainable Circularity	Panel: Catalysts of Change: Senior Leaders Advancing Women in the Battery Industry	Panel: Path to EV Adoption: Consumer and Dealer Perspectives	Panel: Planning for the Future of Electric Aviation	Panels
2:30pm-3:00pm	Technical Session: Using AI-Guided Testing to Validate New Battery Cell Chemistries Faster	Technical Session: Life Cycle Analysis of Solid State Batteries	Technical Session: Collaboration vs Competition Scenario for a Sustainable Future	Technical Session: Hybrid vs Pure Electric Vehicles: Revisiting Earlier Arguments	Technical Session: Commercialization Strategies for Electric Aviation	Technical Sessions
3:00pm						
Conference Closes						