

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	Aviation Electrification	
AI in Battery	Battery Recycling	Industry Collaboration	Consumer Perspectives	Heavy Duty Applications	
Conference Theme: North America's Electrification Future Against Tariffs, Trade Policy and China					
Pre-Conference Workshops					
Workshops					
Workshop #1: Battery Safety - A Comprehensive Risk Mitigation Plan		Workshop #2: Optimizing Battery Performance with Artificial Intelligence	Workshop #3: China Battery Industry Technology Innovation Trends 2025		Workshops
Workshop #4: Quality Assurance Solutions for Manufacturers of New Energy Vehicles' Batteries		Workshop #5: Mixing and Coating Technologies in Battery Electrode Manufacturing	Workshop #6 Battery 101 - The Fundamentals of How A Lithium-Ion Battery Works		Workshops
END OF DAY 1					
Conference Agenda					
Tuesday, October 7th, 2025					
Informa Welcome					Welcome
Chairman's Welcome Address					
Leaders' Roundtable: Strategic Perspectives on U.S. Electric Demand Growth					Leader's Roundtable
Networking Coffee Break					
Keynote I					Keynote
Keynote II + Fireside Chat					
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	
Industry Updates: China Solid, Semi Solid, Quasi Solid New Innovation Trends 2025	Industry Updates: Emerging Battery Technology and the Potential Changes to the ESS Market	Industry Updates: EV Challenges & Triumphs: A 50-Year Perspective on the Future of Mobility	Industry Updates: Electrification Technology Advancements in the Pursuit of Improved EV Range and Charging Time	Industry Updates: US Markets for Energy Storage - A Critical Time for State Leadership	Industry Updates
Panel Discussion: Solid State Batteries: Cell Suppliers & Automakers Review Recent Progress & Debate the Future of this Potentially Disruptive Technology	Panel Discussion: US Battery Manufacturing - Short Term Challenges for Long Term Success	Panel Discussion: Electric Mobility: Investment Strategies in Battery and EV Technologies	Panel Discussion: Accelerating Time to Market Using Modeling & Simulation	Panel Discussion: Stationary Energy Storage: Addressing Grid Challenges and Enabling Renewable Energy	Panel Discussion
Networking Break					
Case Study: Hybrid Microchannel-Phase Change Composite Cold Plate for High Power Battery Applications	Case Study: Integrated Project Delivery in the Battery Market	Case Study: Accelerating Growth with Private Capital	Case Study: Benchmarking the New Tesla Model-Y vs. Its Competition the BYD Sealion	Case Study: BESS and Energy Research Lead	Case Study
Lightning Talks	Lightning Talks	Lightning Talks	Lightning Talks	Lightning Talks	
#1: Polymer Energy Storage Safety - UL9540A Testing and Beyond	#1 Building A US Based Sustainable Battery Active Material Supply Chain Through Green Manufacturing Processes	#1 Battery Markets Under Escalating Trade Tensions	#1 Hybrid Microchannel-Phase Change Composite Cold Plate for High Power Battery Applications	#1 Enhancements in Safety of Stationary Energy Storage Systems	
#2 Cracking the Silicon Code: High-Energy Batteries Without Pressure Constraints	#2 Mining, Markets & Mandates: The Future of Battery Supply Chains	#2 Investment Potential in New Battery Technologies and Alternative Chemistries.	#2 Evaluating Effectiveness of Cell-cell Compression Pads for LFP and NMC Prismatic Cells	#2 Battery Markets Under Escalating Trade Tensions+F33	
#3 Pure Lithium - Introducing the Lithium Metal Vanadium Battery and Reinventing the Global Battery Supply Chain.	#3 Direct Lithium Extraction: Key to Solving Lithium Sourcing or Challenged by Economics?	#3 Powering the Future: How Incentives Accelerated Battery Innovation - A McMillister & Quinn & QLS Case Study	#3 Advanced Oil Coating Strategies for High-Power Sustainable Traction Motors	#3 Optimizing Battery Storage Economics: Real-Time Insights for Profitability and Performance	
Conference Day 2 Closes					
Wednesday, October 8th, 2025					
Leaders' Roundtable: Building Western Supply Chains for Lithium					Leader's Roundtable
Networking Break					
Keynote III					
Keynote IV					Keynote
Networking Lunch					
Track A: Battery Safety	Track B: Battery Manufacturing	Track C: Policy & Regulations	Track D: EV Charging Infrastructure	Track E: Aviation Electrification	
Panel Discussion: Battery Traceability: Safeguarding Safety and the Environment	Panel Discussion: From Megawatt-Hour Master Planning to Prototyping Perfection	Panel Discussion: Critical Minerals and Trade Policy: Navigating U.S.-China Relations in the Battery Supply Chain	Panel Discussion: EV Charging Infrastructure	Panel Discussion: The Future of Electric Aviation	Panel Discussion
Technical Session: Emergency Preparedness and Response - an Automotive OEM Perspective	Technical Session: Battery Management: Sensor Architecture for Safety and Control	Technical Session: Strategic Site Selection for Electric Vehicle Battery Manufacturing: Lessons from Recent Case Studies	Technical Session: Challenges and Requirements of Megawatt Charging Infrastructure for Long-haul, Heavy-duty Trucks	Technical Session: Aviation Electrification - Performance and Requirements	Technical Sessions
Networking Break					
Lightning Talks	Lightning Talks	Lightning Talks	Lightning Talks	Lightning Talks	
#1 Hybrid Microchannel-Phase Change Composite Cold Plate for High Power Battery Applications	#1 Powering Safety: General Motors' Pioneering EV Occupational Safety Program for a Safer, Smarter Future	#1 Europe's Bureaucracy Simplifications - also for Batteries?	#1 Mastering Best Practices in Electric Charging Test Development	#1 Policies and Regulations in the World of eVTOL and Electric Aircraft	
#2 Redefining Safety: Driving Innovation and Risk Reduction in Automotive Battery Design	#2 A Data-Driven Approach to Transform EV Battery Manufacturing	#2 Lithium Battery Transportation	#2 Preparing EV's for Grid-Ware Residential Charging	#2 Current State of Battery Technology in Aviation	
#3 Enhancing Thermal Runaway Defense with Thermoplastics for EV Battery Protection	#3 Dry Battery Electrode Coating	#3 Why U.S. Policy on Copper is Critical to Meeting Future Battery and Energy Storage System (BESS) Requirements	#3 Driving EV Charging Expansion with Data-Backed Decisions	#3 The Role of Solid-State Batteries in Aviation	
Technical Session: Safer Solid State Battery Cells Yield Lighter, Cheaper and More Sustainable Electric Vehicles	Technical Session: Building Tomorrow's Gigafactory - Real Life Lessons Learned and Future Innovations	Technical Session: Federal Critical Mineral Policy Outlook - 2025 and Beyond	Technical Session: Navigating the Future of U.S. EV Infrastructure: Challenges, Innovations, and Strategies	Technical Session: Breaks to waterways: How to Design and Market for the Demands of Marine Electrification	Technical Sessions
Conference Day 3 Closes					
Thursday, October 9th, 2025					
Chairman's Closing Address					
Leaders' Roundtable: Battery R&D and Pilot Scale Manufacturing Status in NA					Leader's Roundtable
Keynote V					Keynote
Networking Coffee Break					
Track A: Battery Intelligence	Track B: Battery Recycling	Track C: EV Development	Track D: EV in Use	Track E: Heavy Duty Applications	
Case Study: AI-Driven Large Quantitative Models for Predicting Battery Degradation Across Chemistries and Manufacturers	Case Study: Battery Recycling Market Outlook: New Trends, New Developments, and Regional Supply Chain Dynamics	Case Study: The Key to Unlocking Cheaper, Greener Batteries: Dry Battery Electrode Coating	Case Study: Technology Trends in EV and Hybrid Vehicle Architectures	Case Study: Hybrid Electrification in Trucking: A Lithium Solution to Idling	Case Study
Networking Lunch					
Panel Discussion: Battery At Current State, How To Get Started & Exciting Use Cases	Panel Discussion: Recycling for Resilience: The Role of Recycling in Energy Independence	Panel Discussion: Women in Battery	Panel Discussion: Commercializing Advanced Technologies: From Concept to Market	Panel Discussion: Unlocked Potential: Hybrid OHV Technology	Panel Discussion
Technical Session: Cutting Months from Battery Test Plans: Using Machine Learning to Build High-Throughput Labs	Technical Session: Process Optimization via Efficient Thermal and Mechanical Separation in Hydrometallurgical Processing of Li-Ion Batteries	Technical Session: Maximizing Value: Understanding Residual Values of Electric Bus Batteries in a Changing Market	Technical Session: Magnetic Fields for Battery Technologies: Scientific Foundations and Real-World Applications	Technical Session: Electrification of Medium and Heavy Duty Trucking - Trends in Battery and Charging Technology	Technical Sessions
Conference Closes					