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Virtual Battery Trainings

November 4-6, 2026 Battery Seminar Virtual - [Program and Registration](#)

Face to face Battery Training

None

Special Offers

Shmuel De-Leon Energy provides an on-demand purchasing services for cells and batteries from all chemistries and vendors

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[Extreme High Energy Density rechargeable cells/packs](#)

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Batteries & Super Capacitor news

[VoltaXplore Shifts 21700 Battery Cells From EVs To Defence](#)

[Cummins to expand Accelera battery manufacturing in Europe with LFP production in Spain](#)

[Verlume and SubCtech Partner on Subsea Power and Battery Systems](#)

[BorgWarner Showcases LFP Battery and eDrive Systems at IAA Transportation 2026](#)

[CATL-Geely joint venture wins approval for Chongqing battery plant acquisition](#)

[Sunwoda joins China's flash charging race with battery system promising 10%-97% in 9 minutes](#)

[CBAK Energy reports sodium-ion battery test results, plans capacity](#)

[Forge Nano expands Voltaiq partnership for battery AI integration](#)



Track redox behaviour in battery cathodes with operando XAS on EmPyrean

Understanding how battery materials behave during operation is critical for developing higher-performance, longer-lasting batteries. For nickel-rich cathodes, such as NMC 811, changes in the nickel oxidation state can directly influence electrochemical performance and stability.

With the EmPyrean platform, laboratory-based operando X-ray Absorption Spectroscopy (XAS) enables researchers to monitor these changes in real time during battery cycling. By performing Ni K-edge XANES measurements on a standard pouch cell, reversible nickel oxidation and reduction processes can be tracked directly under realistic operating conditions. [Download the application note for more details.](#)

[Milwaukee Launches New Compact Battery Pack](#)

[Chinese BYD Explores EV Assembly and Battery Projects in DR Congo](#)

[Terma and Danube Cell Manufacturing Sign MoU to Advance Battery Development and Testing](#)

[BMZ Poland and EVE develop LMFP battery for heavy-duty commercial vehicles](#)

[Echion Technologies signs MOU with Korean total battery solutions provider Energy Tech Solution to grow the XNO® battery manufacturing ecosystem](#)

[Exide India, Germany's ExCom partner to expand industrial battery business across EEA](#)

[LiBEST Expands Research on Lithium-Metal, Ultra-Fast-Charging Batteries](#)

[Sicona acquires US firm Advano and targets New Orleans 'Super Pilot' battery facility](#)

[InoBat and Palmer Energy Technology sign agreement to strengthen European battery energy storage solutions](#)

[Samsung Plans Battery Breakthrough in 2027: Is a "Silver Shock" on the Horizon?](#)

[Binghamton Surpasses \\$100M In Research Spending](#)

[GM Overhauls Battery Strategy, Expands Korea R&D Role](#)

[GM is building a domestic battery supply chain as Ford takes heat over China ties](#)

[Battery Manager gains fleet traction as Clarios targets Europe](#)

Battery Materials news

[Global Battery Materials Signs LOI with LiBEST to Advance Ex-China Graphite and Anode Material Supply](#)

[E3 Lithium signs MoU to supply lithium carbonate to India's Epsilon CAM](#)

[Germany-led team unveils thicker battery electrodes that could raise energy density up to 15%](#)

[Elevated Materials to set up 3-5-GW US battery materials plant](#)

[Topsoe – A significant breakthrough in LNMO battery cycle life](#)

[Cabot lands modified \\$50M DOE grant to expand US battery materials output](#)

[Novonix Limited and ACP Technologies, LLC Partner to Strengthen Domestic Supply Chain for Battery-Grade Anode Materials](#)

[Blue Whale Materials Completes Bartlesville Processing Line](#)



NEI now synthesizes high-phase-purity High Entropy Oxide (HEO) powders with customizable particle sizes, morphologies, and conductive surface coatings. Batch sizes available from 50g to 100kg. Request a quote today! <https://neicorporation.com/custom-heo-powder-synthesis/>

[Electra Advances Phased Nickel Refining and Battery Recycling Strategy for North America](#)

[Electrolyte giant plans to expand production at its Chongqing plant, aiming for 200,000 tons of lithium batteries and 50,000 tons of sodium batteries.](#)

[200,000 mt lithium battery + 50,000 mt sodium-ion battery! Electrolyte giant plans capacity expansion at Chongqing plant](#)

[COnovate Wins \\$1.25M DOE Contract to Scale U.S. Graphite-Alternative Anode](#)

[Production](#)

[Dry coating: one technology, many parameters, and one need for tailored current collectors](#)

Chargers & BMS News

[Ultralife launches latest generation of its downhole battery monitoring system](#)

Grid Storage Batteries News

[Desert-rated SVOLT storage line shown at Middle East Energy 2026](#)

[Six Firms Including Gotion High-Tech and FinDreams Battery Sign Major Energy Storage Deals](#)

[AI boom drives 330 GW of planned data centers and opens new opportunities for battery storage in the US](#)

[Panasonic Energy Launches New Global Battery R&D Hub in Japan to Accelerate Development and Production for Automotive and Data Center Applications](#)

[India brings live 8.2 GWh of new battery storage capacity in H1](#)

[Eos gets USD-87m DOE advance for 2nd battery line in Pennsylvania](#)

[Masdar signs over EUR 8bn in German offshore wind and battery deals](#)

[European Energy Expands Battery Portfolio With 545 MWh Now Operational](#)

[Trina Storage and AMP-lify Sign MoU for 1 GWh of Grid-Connected Battery Storage Projects in Japan](#)

Battery Industry Upcoming Events



**Dry Coating Forum – Shaping the Future of Dry Battery Electrode Processing
- September 29–30, 2026, Fraunhofer IWS | Dresden (Germany)**

Website: https://www.iws.fraunhofer.de/en/events/dry-coating-forum_2026.html

Dry battery electrode coating contributes towards greener, more efficient battery production. Toxic solvents are avoided, the equipment footprint is reduced, and energy costs for the intensive drying step are omitted. Following the great success of the DCF in the last years, Fraunhofer IWS is once again inviting material suppliers, system manufacturers, cell producers, and end users to network and exchange knowledge in the field of dry electrode coating.

E-TECH EUROPE 2026

The fifth edition of **E-Tech Europe**, the international exhibition dedicated to advanced batteries and innovative technologies for the production and recycling of electric and hybrid vehicles in the automotive, transport, and industrial sectors, will take place **from 7 to 9 October 2026**, for the first time in the autumn season, at **Bologna Exhibition Centre (Italy)**.



The Leading Advanced Battery & EV Event in North America

The industry is evolving fast — and The Battery Show Detroit 2026 is where you stay ahead of it. Join 16,000+ engineers, executives, and innovators October 12–15 at Huntington Place for four days of hands-on learning, strategic networking, and direct access to the technologies shaping the future of batteries and EVs. With 1,300+ exhibitors, 250+ expert speakers, and 140+ hours of education, every moment is designed to move your business forward. Whether you're sourcing solutions, building partnerships, or staying on top of the latest breakthroughs — this is the one event you can't afford to miss.

CTA: Discover breakthrough technologies, connect with top OEMs and suppliers, and shape the future of electrification.

Promo Code: Use Promo Code “SDLE” to receive a Free Expo Pass (does not include Explorer Plus) + 20% Off Conference Pass

Link: <https://utm.rocks/uqWfk>



[The Battery Show India, October 22-25, 2026](#), popularly known as TBSI, is Asia's premier event for battery technology. It brings together global manufacturers, engineers, and EV pioneers to showcase breakthroughs in energy storage and smart energy systems. The show aims to accelerate the global transition to sustainable, battery-powered solutions.



Sodium-Ion Battery Show 2026 will provide professionals across related fields with a platform to share achievements and exchange ideas. The event will emphasize networking and collaboration while fostering discussions on technical expertise among sodium-ion battery manufacturers. Attendees will also have opportunities to connect with allied industries and explore recent advancements in sodium-ion battery technologies and sustainable materials. Collaborate with industry experts, enhance your professional profile, and help shape the future of sodium-ion battery development.

The event website is www.sodium-ion-battery-show.com.



The global stage for sustainable mobility is coming to the United States. The **Electric Vehicle Innovation Summit (EVIS)**—the world-renowned platform shaping the future of transportation announces the debut of **EVIS America 2026**, taking place **November 3–5, 2026**, at the **Glass City Center in Toledo, Ohio**.

For the first time in North America, EVIS America unites global innovators and U.S. mobility leaders across EVs, hydrogen, AI, autonomous systems, and smart infrastructure.

Event link: <https://america.evinnovationsummit.com/contact->

[us/?utm_source=media+partner&utm_medium=website&utm_campaign=EVIS_AM_2026_MP_Shmuel_DL_Energy](https://www.fraunhofer.de/en/pressroom/2024/02/026_MP_Shmuel_DL_Energy)



13th Workshop “Lithium-Sulfur Batteries” - November 10–11, 2026, Fraunhofer IWS | Dresden (Germany)

Website: https://cmsr-author.ws.fraunhofer.de/editor.html/content/iws/en/events/lithium-sulfur-batteries_2026.html

Lithium-sulfur batteries are envisaged to enable energy storage devices with high specific energy at low material cost. Following the success of the past eleven years, the 13th Workshop “Lithium-Sulfur Batteries” will again bring together an international audience of renowned scientists and industry representatives who will present latest results, new materials, processes, and applications in the field of Li-S batteries.



[Batteries Event 2026, 16-18/11/2026](https://www.batteriesevent2026.com/), Lyon, France Batteries Event Lyon 2026 aim is to create the perfect forum where all the battery industry stakeholders will be able to meet and discuss industry trends and best practices – from the battery production to its recycling .



[AABC USA](https://www.aabcusa.com/) 2026 - San-Diego, CA, USA 7-10 December 2026



NAATBatt 2027, Palm-springs, CA, USA (February 8 – 11, 2027) is the 17th annual meeting of NAATBatt International, the trade association for advanced battery technology in North America. NAATBatt’s mission is to support networking and acquisition of pre-competitive market intelligence by companies working in the advanced battery industry in North America. Members and non-members are welcome. For more information about the program, click [here](#).



InterBattery 2027 - March 10th-12th, 2027 : <https://interbattery.or.kr/>



[International battery seminar & exhibit 2027](#) - March 15-18, 2027



“[The Battery Show South](#), [Electric & Hybrid Vehicle Technology Expo South](#), [Energy Storage South](#), and [EV Infrastructure](#) launches in the next hub of EV, battery, and clean energy growth—the U.S. Southeast. This will bring together the new regional value chain in the Battery Belt to discover the latest technologies across commercial and industrial transportation, advanced battery, H/EV, materials, stationary energy storage, recycling, components, mining, medical, aerospace, and more. Meet engineers, business leaders, top-industry companies, and innovative thinkers creating powerful

solutions and shaping the future of Battery and EV technology.” **April 21-22, 2027** <https://www.thebatteryshowsouth.com/>



The 19th China International Battery Fair (CIBF2027), organized by China Industrial Association of Power Sources, was originally planned to be held in "City TBD" , China - 12-14/5/2027.



International Battery Seminar & Exhibit Europe 2027, Mainz, Germany, June 1-4, 2026



Battery Cells & Systems Expo is a free-to-attend exhibition and conference on the 16th & 17th June 2027 at the NEC Birmingham, UK. It offers unparalleled access to the latest innovations in battery materials, systems, and manufacturing technologies driving advancements across the automotive, energy, and electronics sectors. Attendees will discover cutting-edge developments in battery management systems, power management, manufacturing and automation equipment, battery recycling, testing and measurement, lab equipment, logistics, and more. Co-located with Vehicle Electrification Expo, this two-day event offers a highly concentrated opportunity for networking, lead generation, and learning, bringing together the innovators and decision-makers shaping the future of the global battery industry. URL: <https://batterysystemsexpo.com/>



The Battery Show Europe 2027 is where change makers accelerate advanced battery

and e-mobility innovation. Join 18,000+ professionals and 1,100+ exhibitors in Stuttgart, 22–24 June 2027. Explore the full supply chain, gain expert insights, forge partnerships, and drive industry progress. Secure a free expo pass and/or 20% discount on conference passes with promo code SDL20.

<https://register.thebatteryshow.eu/5qexp1>



From July 14-16, 2027, **The Battery Show Asia**, alongside **Energy Storage & Power Asia** and **Mobility Tech Asia**, will return to AsiaWorld-Expo, Hong Kong with a comprehensive upgrade. Expecting 25,000 qualified professionals and buyers from major global markets and spanning across battery manufacturing, energy storage, power, and new energy mobility, this is where global technology meets business opportunity. https://www.thebatteryshow.asia/?utm_content



[Solid State Battery Summit 2027 - August 17-19, 2027](#)

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