



Shmuel De-Leon Energy - Battery Weekly Newsletter

March 1, 2024, No. 739
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An advertisement for the International Battery Seminar & Exhibit. It features a background image of a large solar farm. The text includes the event name, dates (March 12-15, 2024), location (Loews Royal Pacific Resort, Orlando, FL), and a call to action: "USE DISCOUNT CODE 2414-150 »".

A grid of logos for various battery industry organizations and publications. The logos include: NAATBatt International, bestmag (Energy Storage Publishing), NY BES+ (New York Battery and Energy Storage Technology Association), Batteries International, aspilsan (Energy of Technology), Mathis, EUROBAT (Association of European Automotive and Industrial Battery Manufacturers), Soteria, and RRC (Setting Standards in Power Solutions).

Virtual Battery Trainings

25-27/3/2024 Battery Virtual Seminar (6 hours - 3 parts of 2 hours each) -

16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

Frontal Battery Training

[1st European EV & ESS High-Voltage Battery Development Hands-On Seminar, June 24-25, Graz, Austria](#)

Special Offers

Need Li-Ion cells? - Shmuel De-Leon Energy is selling Li-Ion cells from majority of the market leading cell makers - Join our cells customers networking group and get a weekly update with cells allocations and cost. shmuel@sdle.co.il

[Shmuel De-Leon Energy provides an on-demand purchasing services for cells and batteries from all chemistries and vendors](#)

[Shmuel De-Leon Energy provide a new Battery Daily News Service - Sign up for free 30 days trial](#)

Batteries and Super Capacitors news

[EV startup Pravaig wins deal to export batteries to Greece](#)

[Solidion Technology, Inc. Provides Drop-in Solutions to the Production of Solid-State Batteries](#)

[Husqvarna Group: Gardena launches new battery products for the 2024 gardening season](#)

[Beam Global Granted European Patent for Thermal Management Technology that Makes Lithium-ion Batteries Safer](#)

[China's 1 trillion yuan EV, solar and battery exports face overcapacity concerns as US, EU anxieties grow](#)

[LPO Announces Conditional Commitment to ABS to Strengthen America's Domestic Lithium-ion Battery Manufacturing Base and Supply Ecosystem](#)

[KORE Power ready for next step toward construction of battery plant in Buckeye](#)



Stat-X® condensed aerosol fire suppression is a solution for energy storage systems (ESS) and battery energy storage systems (BESS) applications. The [Stat-X](#) product was tested for efficacy in putting out Li-ion battery fires. It was found that the Stat-X agent successfully extinguished single and double cell battery fires. This testing was conducted in parallel with a large battery fire testing program. DNV GL conducted the testing. Stat-X also offer regulatory certainty.

[China set to introduce mandatory national standards on e-bike batteries after recent incidents](#)

[China's lithium-ion battery industry faces excess inventory, production capacity as EV market downshifts: industry analysts](#)

[Nissan announces UK battery gigafactory, new electric car](#)

[Samsung SDI partners with Selex Motors to make electric vehicle batteries in Vietnam](#)

[Two companies help Moses Lake become hub for advanced battery manufacturing](#)

[Battery maker Northvolt raises funds for new 'gigafactory'](#)

[Zeta Energy's lithium-sulfur batteries ready for commercialisation](#)

[Toyota to expand battery plant in Liberty](#)

[Log9 batteries to power ETO Motors electric three-wheelers](#)

[European Car Brands Reportedly Asked Chinese Battery Makers to Localize Production](#)

[Japanese firms strike deal on Townsville battery plant](#)

[Strata secures finance for Arizona battery](#)

[Vale Explores Expanding Battery Technology to Power Ports and Mines](#)

Battery Materials news

[Addionics plans \\$400M for U.S. battery tech factories](#)

[Ascend Elements Raises Additional \\$162 Million to Build Sustainable Lithium-Ion Battery Materials in United States](#)

[China's Zhongke Gains After Foreign Carmaker Places Lithium Battery Anode Material Order](#)

[Group14 Hosts U.S. Secretary of Energy Jennifer Granholm, Tours Battery Materials Factory Site, Celebrates Growing Clean Energy Economy](#)

[Recyclers look to collaborate with solar companies to give EV batteries a second life](#)

[Non-solvating electrolytes enhance performance of organic electrode-based batteries](#)

[South 8 completes testing of LiGas liquified gas battery cell electrolyte](#)

[Panasonic orders more battery can production lines from H&T](#)



Do you need third party verification of your material's performance? NEI's team of electrochemical experts can evaluate your battery materials through a full-service contract or by-the-sample cell level testing services. [Contact us to learn more.](#)

[US Strategic Metals: Solving the critical battery materials supply chain puzzle](#)

[China Witnesses Surge in Lithium Production Amidst Growing Battery Needs](#)

[Manganese X Energy: Revolutionizing Sustainable Manganese Production for EV Batteries](#)

<https://www.electrive.com/2024/02/27/panasonic-orders-more-battery-can-production-lines-from-ht/>

[Albemarle will provide BMW Group with lithium for car batteries](#)

[S. Korean startup mass-produces new material for high-performance EV batteries](#)

[BASF in battery parts production deal with China's Shanshan](#)



[Aether Industries](#) located in Surat, Gujarat, India, is a leading supplier of electrolyte additives (EAs) to global cell manufacturers and electrolyte formulators. Our current EA portfolio includes Vinylene Carbonate (VC), Fluoroethylene Carbonate (FEC), Dioxathiolane-2,2-dioxide (DTD), Propene Sultone (PS) and Propane Sultone (PPS). For new or existing product inquiries, please contact our business development team, Michelle Pogosaew (The Americas): michelle@aether.co.in or Jalpa Mistry (India/EU) jalpa@aether.co.in.

[POSCO to build world's largest battery cathode plant cluster](#)

[South 8 Demonstrates Lithium Nickel Manganese Oxide \(LNMO\) Battery Electrolyte](#)

[ExxonMobil focuses on battery-grade lithium production in US state of Arkansas](#)

[Morrow and Stena Recycling partner to build circular battery value chains](#)

[China's 2023 lithium chemical output jumps on rising battery demand](#)

Chargers & BMS News

[Trust in battery swapping begins with safety and reliability](#)

[Geely to Sell Stake in Battery Swap JV to Founder for USD70 Million](#)

[Quantum Energy partners with Battery Smart for swappable batteries](#)

Grid Storage Batteries News

[SMT Energy to Launch \\$130 Million Battery Storage Project in Benton County for Enhanced Grid Stability](#)

[Powin and Pulse Clean Energy Partner on a 50 MW / 110 MWh UK Battery Energy Storage System](#)

[Queensland to invest hundreds of millions in battery export industry that could employ thousands](#)

[SECI Unveils India's Largest Solar-Battery Project](#)

[Enphase Energy Starts Shipping New Home Energy Systems in Italy with IQ Batteries](#)

[Masdar Arlington Energy breaks ground on two new battery energy storage system sites in UK](#)

[EVs are one step closer to becoming roaming grid batteries](#)

BATTERY JAPAN **March** **16th Int'l Rechargeable Battery Expo**

BATTERY JAPAN is the World's Leading Exhibition for Rechargeable Batteries.

Battery technologies are the key to achieving carbon neutrality by 2050 as they will largely contribute to the popularization of renewable energy and EVs. BATTERY JAPAN gathers a broad range of technologies, components, materials, and devices for rechargeable battery development & production. 1,600* exhibitors & 70,000* visitors will gather from all over the world (*including concurrent shows). Visit the show to explore the latest technology.

Dates: Feb. 28 - Mar. 1, 2024

Venue: Tokyo Big Sight, Japan

Web: <https://www.wsew.jp/spring/en-gb.html?monetamediagroup>

12th International Conference

Thermal Management For EV/HEV 2024

Thermal Management for EV/HEV 2024 (5-8/3/2024): Europe's Premier Technical Thermal Management Conference returns to Munich in 2024.

According to a thermal management expert at a leading European OEM... 'Thermal management has become more profitable, and has a high market value.' The event will uncover thermal management solutions on both the component and system/vehicle level, optimising cost, efficiency, range and performance while working within actual real-world limitations.



March 6th-9th, 2024 - InterBattery2024 - InterBattery 2024, first launched

in 2013 in Seoul, Korea, has become world top battery exhibition with the world's leading battery manufacturers such as LG Energy Solution, Samsung SDI, and SK On. Interbattery shows various new products and technologies related to battery industry. Discover your opportunity by broadening your perspective and relationships with InterBattery
2024 : <https://interbattery.or.kr/>



[International battery seminar & exhibit 2024](#) - March 12-15/2024



[ISO 26262 & SOTIF Conference 2024 \(15-18/4/2024\)](#): After the record-breaking success of the 2023 Functional Safety Week in Berlin, mark your diaries for April 2024 as Automotive IQ's Functional Safety Week returns to Germany. Partnering with ISO 26262 & SOTIF Conference offers you the ideal platform to get your message across to an engaged audience of senior decision makers.



Shenzhen International Battery Industry Fair (CNIBF)

Date: 24-26th April, 2024, Website: <https://www.cnibf.net/en/>

CNIBF, the leading battery industry exhibition in China, first launched in 2010 and has more than 13 years of history. Located in Shenzhen, CNIBF is undoubtedly the one-stop platform for batteries industry in a famous new energy industry base, which attracted well-known companies and professionals from all over the world to participate and brought the latest products and technologies, such as Panasonic, LG, Samsung, MAXCESS , SK CHEMICALS, TUV RHEINLAND, ZTE, BYD, ABB, etc.



The Battery Tech Expo UK, Silverstone runs 25th April 2024. The largest technical event in the UK dedicated to the battery supply chains. 150 Exhibitors, 80 Presentations, 2000 professionals. Workshops, Seminars. Free to attend. You can register a ticket from our website – www.batterytechexpo.co.uk



E-TECH EUROPE 2024

A showcase for innovation, a global networking platform, a reference point for the industry and a place for both training and sharing information for the entire supply chain: at its third edition **E-TECH EUROPE 2024** returns at **Bologna Exhibition Centre next 8 - 9 May 2024** bringing the entire automotive supply chain together all at once: from manufacturers of individual electrical and electronic technologies, to component developers and vehicle manufacturing companies.

RE-BATTERY 2024

The second edition of **RE-BATTERY 2024**, the international Exhibition and Conference event for **battery producers, recycling companies, critical raw material suppliers, and the entire battery supply chain**, returns at **Bologna Exhibition Centre next 8 - 9 May 2024**. The event will focus especially on lithium-ion batteries from e-mobility transportation, stationary applications, electric vehicles and e-mobility products, but also lead-acid batteries and e-waste from electronics.



AABC Europe 2024, Strasbourg, France, May 13-16, 2024



Welcome to the **Battery Minerals & Supply Chain Canada 2024** Exhibition and Conference, where leading battery mineral miners and upstream explorers will meet with battery manufacturers and investors in Toronto, Ontario, to explore the latest trends in battery mineral exploration, processing, and the supply chain.



Battery Cells & Systems Expo will take place at the NEC Birmingham, Marston Green, Birmingham from 15th – 16th May 2024. Battery Cells & Systems Expo will bring together automotive manufacturers, electric utilities,

battery system integrators, cell manufacturers and the entire manufacturing supply chain. A truly unique showcase, companies from around the world will use the show to launch products and demonstrate their technology to an audience of over 4,500 professionals. Co-Located with Vehicle Electrification Expo, The Advanced Materials Show and The Advanced Ceramics Show, this will be a highly concentrated two days of networking, lead generation and education featuring the leaders and innovators responsible for shaping the future of this industry.



Join the new energy industry: critical minerals, battery materials, battery manufacturing, battery application, energy storage, sodium batteries, hydrogen energy and EV in CLNB 2024! [CLNB 2024](#) (ninth) China International New Energy Industry Expo will be held at the Suzhou International Expo Center – (28-31/5/2024)



- Join 19,000+ fellow engineers, executives, thought leaders, professionals and decision-makers at the Messe Stuttgart, Germany on 18-20th June, 2024 for three electrifying days, filled with opportunities to source the latest technologies from 800+ exhibitors, develop your industry knowledge at our expertly curated three-track conference and network with like-minded peers.
 - Register Today: <https://register.thebatteryshow.eu/E6PKMX>
-



The International Flow Battery Forum (IFBF®) is the leading event for the flow battery community. On 25-27 June 2024, the IFBF will hold its thirteenth in-person conference in Glasgow, Scotland. Over three days, the conference will feature talks, panel sessions, networking breaks, a poster session, a conference dinner and a site visit. We will discuss the latest innovations, policy updates and market challenges for the development of the flow battery sector. More than 300 business leaders, policy makers, developers and researchers from all over the world will share information and forecasts around the thriving world of energy storage and the important role of flow batteries. Website: <https://flowbatteryforum.com/>



2024 World Battery & Energy Storage Industry Expo (WBE), 2024 World Hydrogen Energy Industry Expo (WHE)

Date: August 8th-10th, 2024, **Venue:** 1st and 2nd Floor, Area A, China Import and Export Fair Complex

Address: No.380, Yuejiang Zhong Road, Guangzhou, China, **Website:** <https://en.battery-expo.com/>



[Solid State battery Summit 2024](#) - Chicago, IL, USA August 14-15, 2024



Hans H. Schive from Asker, Norway together with Shmuel De-Leon Energy will organize the [6th Oslo Battery Days conference](#) in Oslo, Norway, August 19-21, 2024

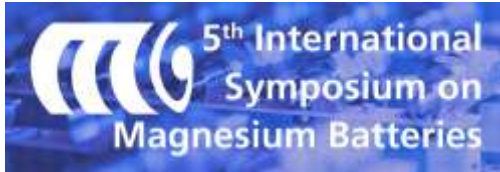


Dry Coating Forum – Shaping the Future of Dry Battery Electrode Processing, September 10-11, 2024, Dresden, Germany,

Details: <https://www.iws.fraunhofer.de/en/events/dry-coating-forum.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 first Dry Coating Forum 2023, 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.



The 5th International Symposium on Magnesium and Multivalent Batteries (MagBatt V) will take place from September 18 to 20, 2024 in Ulm, Germany. We will welcome some of the world's top battery speakers. The conference will feature contributions on magnesium, calcium, zinc and aluminum batteries. More information and registration:

<https://www.postlithiumstorage.org/en/magbatt-v>



[9th Turkey Battery Technologies Summit 2024 – September 25-26, 2024](#)

Our Summit aims to bring together the pioneers of the industry with innovative minds and to convey the latest technological developments and international perspectives to you. Our Board of Directors and Summit Working Group are working with a focus on excellence to make this event unique. With detailed presentations from our experienced speakers and forward-thinking approaches from industry leaders, the summit will be an unforgettable experience for attendees. Summit will address every aspect of the battery ecosystem, from raw material processes to cell production techniques, from extraordinary battery applications to sustainable waste strategies, from advanced charging systems to comprehensive testing and certification processes.

THE **BAT**TERY SHOW

NORTH AMERICA

The highlight industry event for battery and H/EV professionals is back! **The Battery Show** and **Electric & Hybrid Vehicle Technology Expo** returns to Novi from **October 7-10, 2024**, and it's your chance to meet 750+ exhibitors showcasing the latest solutions from across the battery and EV supply chains. Registration is now live, click the link to get your free pass. Link:

<https://register.thebatteryshow.com/>



Battery Tech Expo Sweden 2024 - Meet manufacturers, suppliers, engineers, scientists and decision-makers across the Nordic battery value chain.

Product launches, exhibitors showcasing innovations, plus a high profile

speaker agenda covering the latest advancements throughout the battery and electric vehicle industries. www.batterytechexpo.se



Batteries 2024, 16-18/10/2024, Lyon, France

Site : <https://batteriesevent.com/>

Linkedin : <https://www.linkedin.com/in/batteries-event-lyon-france-896140146/>

Twitter : @BatteriesEvent



[5th Future Battery Forum \(November 5-6, 2024 | ECC Berlin + online\)](#)

The **leading European management conference** brings together about **1,000 decision makers and senior experts** from the entire battery value system for two days of **exclusive C-level networking**.

On 2 stages, about **90 speakers from industry and politics** will discuss the most urgent topics for the European battery industry in keynotes, panels and tech talks. Besides this, the focus is on **interactive formats like workshops, deep dives and excursions** to industry sights – and not to forget the famous evening reception. **Over 90 exhibitors** will showcase the latest technologies and solutions for the battery industry.

www.futurebattery.eu – fbf@ipm.ag



[The Battery Experts Forum](#) (5-7 November 2024, Darmstadt, Germany) is one of the world's largest exhibitions around battery technology. Sponsors and exhibitors who are among the most important companies in the entire value chain of a battery are part of the international exhibition. In addition to cell and battery manufacturers, you will find suppliers of components and services as well as OEMs. Design, production and manufacturing solutions as well as complete battery systems, materials and components but also test procedures and recycling processes will be exhibited. The focus of the event is placed on the associated conference with the highest scientific standards. Here, over 100 leading users, developers and researchers from international companies and institutes, as well as opinion leaders, will speak about the latest industry trends over the three days of the event.



11th Workshop “Lithium-Sulfur Batteries”, November 11–12, 2024, Dresden, Germany,

Details: <https://www.iws.fraunhofer.de/en/events/lithium-sulfur-batteries.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 ten years, the 11th 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.



Date: 19-21st November, 2024, <https://www.cnibf.net/en/>

As the earliest battery industry exhibition in China, CNIBF is undoubtedly the one-stop platform for batteries industry. Located in Shanghai, the global economic center for international companies to enter into Chinese market, CNIBF is aimed at assisting you to discover new market with one hundred thousand accurate buyer datas and 500+ high quality enterprises from all over the world, including Panasonic, LG, Samsung, MAXCESS , SK CHEMICALS, TUV RHEINLAND, ZTE, BYD, ABB, etc.

Shmuel-De Leon Readers Save \$150!



[AABC USA](#) - Las-Vegas, NV, USA 9-12 December 2024



NAATBatt 2025, the 16th annual meeting & conference of NAATBatt International, will be held on February 17 – 20, 2025, in Orlando, FL, USA. The meeting will feature talks by most of NAATBatt’s 330+ members, market analyst reports, interactive breakfast table discussion groups, and the best networking and market intelligence opportunity anywhere in North

America about the advanced battery industry. For more information, [click here](#).



[The 16th China International Battery Fair \(CIBF2025\)](#), organized by China Industrial Association of Power Sources, was originally planned to be held in Shenzhen, China - 12-16/5/2025.

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