



[Shmuel De-Leon Energy - Battery Weekly Newsletter](#)

August 30, 2024, No. 765

Sent to 110,000 Battery industry members

since 1/2010, [Join our mailing list](#)

[Battery market reports 2024](#)

[Advertise in our newsletter](#)

[Battery Industry Upcoming Events List](#)

Our advertisers & sponsors

Shmuel De-Leon Readers Save \$150!

An advertisement for the 14th Annual Battery Safety Summit. The background is a gradient of purple, red, and orange. On the left, the text reads "The 14th Annual BATTERY SAFETY SUMMIT" with a stylized battery icon. On the right, a blue button contains the text "Use Discount Code 2459-150". At the bottom, it says "November 4-5, 2024 | Alexandria, VA + Virtual".

A collection of logos for industry organizations and sponsors. From top left to bottom right: NAATBatt INTERNATIONAL; bestmag (Energy Storage Publishing, Batteries & Energy Storage Technology); NY BES+ (NEW YORK BATTERY AND ENERGY STORAGE TECHNOLOGY COLLOQUIUM); Batteries International; Mathis; EUROBAT (ASSOCIATION OF EUROPEAN AUTOMOTIVE AND INDUSTRIAL BATTERY MANUFACTURERS); Soteria; and RRC (SETTING STANDARDS IN POWER SOLUTIONS).

Virtual Battery Trainings

10-12/9/2024 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](#)

29-31/10/2024 Virtual High Voltage EV and ESS Battery Seminar (6 hours - 3 parts of 2
hours each) [Program and registration](#)

Frontal Battery Training

[4th USA High Voltage EV & ESS Battery Pack Design and Production Hands-On Seminar.
November 14-15, 2024, Lake-Orion, MI, USA](#)

[3rd Battery Safety, Storage, and Transportation Hands-On Seminar, Waxahachie, TX, USA,
November 18-19, 2024](#)

Special Offers

[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](#)

[Artificial intelligence is making its way into Asia's battery industry](#)

[Shmuel De-Leon Energy Provide a new Battery Daily Patent Newsletter service - Sign up
for free 20 days](#)

Batteries and Super Capacitors news

[EA Elektro-Automatik launches enhanced battery test system](#)

[Ganfeng Lithium inks JV deal in Turkiye](#)

[Changan to open Thai EV factory next March](#)

[Exide Industries invests INR 75 crore in lithium battery arm](#)

[Queensland gives a sneak peak at new \\$20M lithium battery manufacturing hub](#)

[Tesla Semi's battery caught fire due to an accident – the highway was closed for 16 hours](#)

[LGES enters the EV battery diagnostics software business](#)



[Agilent Webinar](#) - Ensuring the Quality, Performance, Safety, and Eco-Friendly Production of Battery Cells.

Join Agilent webinar on September 17th, 2024, to explore solutions for ensuring the quality, safety, and eco-friendly production of lithium-ion battery cells. Gain valuable insights into practical analytical techniques essential for staying ahead in this dynamic industry. Don't miss this opportunity—reserve your spot now!

[Battery development in Southeast Asia gets MoU boost](#)

[Mapping The Advanced Battery Landscape For Electric Aviation](#)

[Expanded Lithium-Ion Battery Plant Opens in Ohio](#)

[German lithium-sulfur battery pioneer theion launches in the Gulf](#)

[Solidion Offers Strategic Partnership Opportunities on Next-Gen EV Batteries](#)

[LG Energy looks to battery safety diagnosis software business](#)

[US DOE announces \\$43M funding for advanced EV battery innovation and research](#)

[Salgenx launches zinc-chloride battery housed in 40-foot shipping container](#)

[NanoGraf silicon anode batteries selected by Thales](#)

[Amara Raja's lithium-ion battery plant near Hyderabad to be ready in six years: Telangana Industries Minister](#)

[Tiny Batteries Could Power Miniscule Robots](#)

[JNCASR partners with HZL to scale up indigenous Zn-ion battery technologies](#)

Battery Materials news

[Panasonic Energy has taken a license from CAMX Power to the latest GEMX® platform of](#)

[cathode active material for lithium-ion batteries](#)

[China releases proposed standards for battery recycling](#)

[EcoPro BM, GEM strengthen battery materials collaboration](#)



TNO is an exciting new anode material with significant potential to revolutionize Lithium-ion battery technology. Unlock the future of energy storage today! [Learn More](#)

[Battery recycling plant marks milestone for EV supply chain](#)

[ERI opens first alkaline battery recycling plant in Indiana, more to come](#)

[Rio Tinto's \\$2.55 Billion Lithium Project Hangs in the Balance](#)



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 offers regulatory certainty.

[BASF has started prototype metal refinery for battery recycling](#)

[Canada's Cobalt Cache: Pentagon Invests US\\$20 Million on Electra Battery Materials](#)

[Lotte Energy to supply copper foil to Samsung SDI-Stellantis JV](#)

Chargers & BMS News

[EV company Nio aims to build battery chargers and swap stations in every Chinese county](#)

[Enphase Energy Launches IQ Battery 5P and IQ Energy Management Software in the Netherlands](#)

[Yuma Energy hits 1 million monthly battery swaps](#)

Grid Storage Batteries News

[Flux Power Expands Commitment to Sustainability with New Partnership for Lithium-ion Battery Recycling](#)

[Sineng Electric: China's largest sodium-ion battery storage project](#)

[Spearmint Energy and Sungrow to Partner on More Than 1 GWh of Battery Energy Storage Projects in Texas](#)

[GK Receives Order for Advanced type of NAS Battery \(NAS MODEL L24\) for Taiwan Power Research Institute of Taiwan Power Company](#)

[Uzbekistan set for large solar-plus-battery system](#)

[Sungrow to deliver 1 GWh of battery storage for Spearmint's Texas projects](#)

Battery Industry Upcoming Events

THERMAL MANAGEMENT FOR EV/HEV/PHEV USA 2024 🚗🔥🔋🔧

Automotive IQ's flagship [Thermal Management USA](#) conference returns to the US, this time in Dearborn, Michigan. The Automotive IQ Team has rigorously researched the thermal landscape and noted the industry's slowdown and the shift towards PHEVs as a result. In response to the changing needs of the industry, the event's scope has now been extended to include a focus on plug-in hybrid electric vehicles.

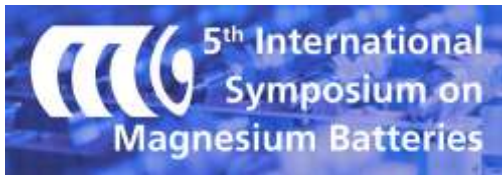


Dry Coating Forum – Shaping the Future of Dry Battery Electrode Processing, September 10-11, 2024, Dresden, Germany,

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 is headed to Downtown Detroit for the very first time on October 7-10, 2024 at Huntington Place. This your chance to meet 1,150+ exhibitors showcasing the latest solutions from across the battery and EV supply chains. Registration is now live, click the link and use code SHMUEL at check-out for a free expo pass or \$100 off conference passes. Link: <https://register.thebatteryshow.com/eb114i>



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 Event 2024, 16-18/10/2024, Lyon, France](https://www.batteriesevent.com) covers all aspects of the circular economy value chain, starting from the production of the battery to recycling. Its objective is to create a perfect forum where all International battery industry key players such as OEM, cell and pack manufacturers, end users, experts, researchers and recyclers will come together to discuss and exchange on new chemistries, manufacturing process, battery components, battery second life, regulation, future expectations and innovations. After a very successful 2023 event that gathered 1100+ participants from the battery industry, their goal is to keep growing and welcome more than 1200 participants, 130+ exhibitors, sponsors & partners as well as 175+ international speakers in 2024! Join them and do not miss THE event where all stakeholders and decision makers gather every year!



[5th Future Battery Forum \(November 5-6, 2024 | ECC Berlin + online\)](https://www.futurebattery.eu)

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

BATTERY EXPERTS FORUM

[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](#).



[17th Battery Japan, 19-21/2/2025, Tokyo, Japan](#)



March 5th-7th, 2025 - InterBattery2025 - InterBattery 2025, 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 2025](#) - March 17-20/2025

E-TECH EUROPE 2025

[E-TECH EUROPE 2025](#)

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 fifth edition E-TECH EUROPE 2025 returns at Bologna Exhibition Centre next 15 - 16 April 2025 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 2025

[RE-BATTERY 2025](#)

RE-BATTERY 2025 returns at Bologna Exhibition Centre next 15 - 16 April 2025: it's Southern Europe's largest international trade fair for battery producers, recycling companies, raw material suppliers and the entire battery supply chain. RE-BATTERY will be hosted by E-TECH EUROPE 2025, the event dedicated to the production and the entire supply chain of all electric vehicles, automotive interiors, transport solutions and much more.



16-17 April, 2025 | Atlanta, GA

<https://www.thebatteryshow.com/lp/2024/tbs-south.html>



[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.



- Join 19,000+ fellow engineers, executives, thought leaders, professionals and decision-makers at the Messe Stuttgart, Germany on 3-5th 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/E6PKM>
-



AABC Europe 2025, Mainz, Germany, June 23-26, 2025



[Battery Cells & Systems Expo](#) (9th & 10th July 2025) 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 professionals.

[Vehicle Electrification Expo](#) (9th & 10th July 2025) enables automotive manufacturers to look at the latest powertrain solutions to improve the performance, efficiency, safety and sustainability of vehicles including light electric vehicles, passenger cars, commercial vehicles, buses and off-highway industrial vehicles. The show will bring together the entire supply chain involved in electric and hybrid vehicle manufacture and development showcasing the very latest technologies for this rapidly growing market.

THE **BATTERY** SHOW
ASIA

15-17 July, 2025 | Hong Kong

<https://www.thebatteryshow.asia/>



Schive AS, Asker, Norway together with Shmuel De-Leon Energy will organize the [7th Oslo Battery Days conference](#) in Oslo, Norway, August 18-20, 2024

Shmuel De Leon Energy

10 Mazal-Arie Street, Hod-Hasharon, Israel 45309 972-77-5010792

www.sdle.co.il shmuel@sdle.co.il

Copyright © 2024 Shmuel De-Leon Energy. Ltd, All rights reserved.