



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

August 23, 2024, No. 764

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Shmuel De-Leon Readers Save \$150!

A promotional banner for 'The 14th Annual BATTERY SAFETY SUMMIT'. The text is white and yellow on a dark purple background. It includes a blue button with the text 'Use Discount Code 2459-150' and the event details 'November 4-5, 2024 | Alexandria, VA + Virtual'.

A grid of logos for various industry organizations. The logos include: NAATBatt INTERNATIONAL, bestmag (Energy Storage Publishing, Batteries & Energy Storage Technology), NY BES+ (NEW YORK BATTERY AND ENERGY STORAGE TECHNOLOGY COLLABORATION), 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](#)

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

Batteries and Super Capacitors news

[Ford halts Quebec battery plant project with SK, EcoPro](#)

[US considers lithium ion battery regulations to prevent fires](#)

[Number of fires linked to 'fake' lithium-ion batteries on the rise](#)

[Uganda's Automotive Future: A New Electric Battery Plant Partnership](#)

[KULR Partners with Amprius Technologies to Develop Reference Design to Enhance Battery Safety and Performance in Advanced Air Mobility](#)



Agilent

Trusted Answers

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

Text: 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!

[LG, SK, Samsung set to benefit from disclosures of battery info](#)

[China's Ganfeng Lithium builds \\$500M battery plant in Türkiye](#)

[ProLogium tackles EV market with solid-state batteries](#)

[Norway's Morrow Batteries opens factory, plans first deliveries by year-end](#)

[Natron Energy to build \\$1.4bn sodium-ion battery gigafactory in North Carolina](#)

[Toyota's \\$13.9 billion battery plant now being built in NC: questions and answers](#)

[Nyobolt's Revolutionary Fast-Charging Battery Technology Promises 620,000 Miles of Longevity and Disrupts the Electric Vehicle Industry](#)

[PNT to build LFP battery cell production line](#)

[Volkswagen, Stellantis join auto industry in disclosing EV battery information amid safety woes](#)

[Hyundai unveils safer battery management system](#)

[Amara Raja launches battery pack plant & paves way for customer qualification plant at Gigacorridor](#)

Battery Materials news

[Korean Researchers Develop Cold-Resistant Anode Material for Secondary Batteries](#)

[Electrolysis helps resolve battery production's waste issue](#)

[China's GEM Bags New Lithium Battery Materials Order From South Korea's EcoPro BM](#)

[Pentagon Awards \\$20 Mln To Electra To Produce Cobalt Sulfate For Battery Supply Chain](#)

The advertisement banner for SEM SERVICES features a dark blue background on the left with the text "SEM SERVICES" in large white letters, a "Book Now" button, and the website "www.neicorporation.com". To the right is a white background with a scanning electron microscope icon, a square image of battery materials, and a list of services: "Anode Powder", "Cathode Powder", "Solid Electrolyte", and "CNT Dispersion".

SEM SERVICES
Book Now www.neicorporation.com

Anode Powder
Cathode Powder
Solid Electrolyte
CNT Dispersion

NEI is now offering in-house SEM services! Utilize our materials expertise to gain deeper insights into your battery materials. Get high-resolution images up to 100,000x magnification, as well as elemental analysis and mapping. Request a quote today. <https://www.neicorporation.com/services/scanning-electron-microscopy/>

[China's BTR Group Announces \\$366 Million Lithium-ion Battery Plant in Morocco](#)

[Saltworks delivers full-scale lithium hydroxide recrystallizer to Canadian battery plant](#)

Chargers & BMS News

[Battery solutions provider Gaussion raises \\$12 million for battery charging technology](#)

[Gogoro says waiting for battery swapping EVs to be included in FAME 3](#)

Grid Storage Batteries News

[Orsted, MCE sign strategic partnership for 1 GW battery projects across US Midwest](#)

[Battery Makers Counteract EV Slowdown With Energy Storage Boom](#)

[EDF Renewables reveals plans for 300MW of battery storage](#)

[Form Energy set to build world's biggest battery in Maine](#)

[Porsche is using its own second-life EV batteries as a BESS backup in Leipzig](#)

[Tesla secures massive contract with power company for its Megapack battery systems: 'One of the largest and fastest-growing storage portfolios'](#)

[DNV supports Greenergy in securing financing for world's largest battery storage project in Chile](#)

[Atlas Renewable Energy closes \\$289 million in financing for its first standalone battery project](#)

Battery Industry Upcoming Events

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

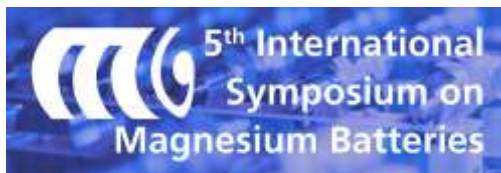
Automotive IQ's flagship [Thermal Management USA](#) conference returns to the US, this time in Dearborn, Michigan. The Automotive IQ Team has rigorously researched the thermal landscape and noted the industry's slowdown and the shift towards PHEVs as a result. In response to the changing needs of the 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 BATTERY 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/eb14i>



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 *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 \(November 5-6, 2024 | ECC Berlin + online\)](#)

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.



[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.



<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**

- V E H ⚡ C L E ———

ELECTRIFICATION

————— E X P O ———

[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

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