



## Shmuel De-Leon Energy - Battery Weekly Newsletter

July 5, 2024, No. 757  
Sent to 110,000 Battery industry members  
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### Virtual Battery Trainings

9-12/7/2024 Battery Virtual Seminar - China battery innovation technologies  
2024 (8 hours - 4 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***

**[Emergency safety inspections ordered after South Korean battery plant fire](#)  
**Following the tragic battery safety event in Korea and as a way to support our customers increase battery safety in their facilities we offer an inhouse battery safety training an audit - Contact us for more details**  
[shmuel@sdle.co.il](mailto:shmuel@sdle.co.il)**

[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***

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](mailto: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 fr free 30 days trial](#)

### ***Batteries and Super Capacitors news***

[MagniX launches revolutionary battery product](#)

[Emergency safety inspections ordered after South Korean battery plant fire](#)

[Elon Musk: Tesla's 4680 Batteries At Cost Parity With Cheapest Suppliers' By End Of Year](#)

[China hits back at West's over-capacity allegations in EVs, lithium batteries](#)

[All-solid-state battery touted as solution to repeated deadly fires](#)

[Evoy Partners with Battery Manufacturer](#)

[Ampere leads a groundbreaking battery strategy for Renault Group with LFP technology and Cell-to-Pack solutions](#)

[Korean Battery Manufacturers Expected to Account for 58% of Production Capacity in North America by 2035](#)

[Gelion, Glencore Sign Deal to Advance Battery Commercialization](#)

[Elentec partners with Enovix for battery pack research](#)

[Li-S lands funding to explore lightweight batteries in aircraft application](#)

[Geely releases new LFP battery with fast charging and energy density of 192 Wh/kg](#)

[LGES Pauses Construction on a portion of its \\$5.5B Battery Facility in Queen Creek](#)

[PowerCo: VW battery production on schedule](#)

[Türkiye's Aspilsan Energy leads in aviation battery innovation, production](#)

[FREYR Achieves Major Milestone in Battery Production](#)

[CATL expects its batteries to power electric aircraft with up to 3,000 km range](#)

[Komatsu NTC Focuses on EV Battery Field](#)

[Battery equipment maker Nsys to acquire Lakyung Engineering](#)

[ElringKlinger to open battery factory in South Carolina](#)

[ExxonMobil signs MoU with SK On to supply Mobil Lithium for EV batteries](#)

[Enovix surges on deal to deliver high-performance batteries for mixed reality headset](#)

[Hangcha Forklift Canada Powers Canadian Businesses with Lithium-ion Portfolio](#)

[Rivian's Huge Cost Cuts Paving the Road to First Profit](#)

***Battery Materials news***

[Solidion Ready to Expand Production Capacity of Silicon/Graphene Composite Anode Materials](#)

[BASF & Emaret cancel plans for nickel-cobalt refinery in Indonesia](#)

[NanoGraf Begins Production at Scale to Provide Military with More Powerful, Resilient Batteries](#)

[Lithium-ion battery separator plant to be built in Ontario](#)

[Group14 announces multiple major battery orders](#)



*Do you need third party verification of your material's performance? Let NEI's team of electrochemical experts evaluate your battery materials. We offer full-service contracts or by-the-sample cell level testing services. Request a free consultation today! <https://www.neicorporation.com/services/electrochemical-testing-services/>*

[Stratus Materials Announces Achievement of Key Performance Milestone for its LXMOTM Li-ion Battery Cathode Active Material](#)

[Lithium Australia to recycle Volvo's bus batteries in Australia](#)

[Chinese lithium price weakness persists with CIF CJK stable](#)

[China's Ganfeng files arbitration against Mexico over lithium deposit](#)

[Miniaturized connector solutions for battery development: Watch now](#)

[Trumpf launches laser technology for industrial-scale EV battery recycling](#)

## ***Chargers & BMS News***

[EV BMS test rig demo from Pickering Interfaces on show at the India EV Show 2024](#)

[Electric car battery charges in under five minutes in track test](#)

[BP's Castrol invests \\$50M in Gogoro, leading EV battery-swapping provider](#)

[Analog microcontroller for battery management in a variety of vehicles introduced by Infineon Technologies](#)

[Tiger New Energy's Battery Swapping Technology Receives US\\$3.5M Push](#)

## ***Grid Storage Batteries News***

[Redflow wraps up funding for U.S. battery project](#)

[World's Largest Sodium-ion Battery Energy Storage Project Goes Live in China](#)

[ACLE begins building first in 270 MWh battery project pipeline](#)

## ***Battery Industry Upcoming Events***



**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/>

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



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

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# 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.

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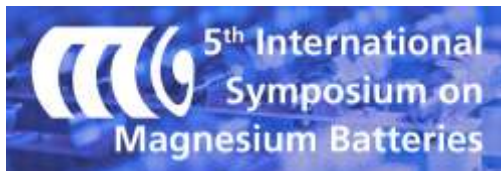
## Dry Coating Forum – Shaping the Future of Dry Battery Electrode Processing, September 10-11, 2024, Dresden, Germany,

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.

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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>

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## [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.

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## 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/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](http://www.batterytechexpo.se)



[Batteries Event 2024, 16-18/10/2024](https://www.batteriesevent.com), 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!*

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[5<sup>th</sup> 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](http://www.futurebattery.eu) – [fbf@ipm.ag](mailto:fbf@ipm.ag)

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## 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.

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**11<sup>th</sup> 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 11<sup>th</sup> 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.

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Date: 19-21<sup>st</sup> 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.

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**Shmuel-De Leon Readers Save \$150!**



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

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NAATBatt 2025, the 16<sup>th</sup> 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](#).

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

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**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/>

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[International battery seminar & exhibit 2025](#) - March 17-20/2025

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## 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.

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THE **BATTERY** SHOW  
SOUTH

 electric  
& hybrid  
vehicle technology expo

south

**ENERGY STORAGE**  
SOUTH

16-17 April, 2025 | Atlanta, GA

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

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

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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.

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THE **BAI**TERRY SHOW  
ASIA

15-17 July, 2025 | Hong Kong

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

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