



## Shmuel De-Leon Energy - Battery Weekly Newsletter

May 31, 2024, No. 752  
Sent to 110,000 Battery industry members  
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### *Virtual Battery Trainings*

9-11/7/2024 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 EV and ESS High Voltage Battery Seminar [Program and registration](#)

### ***Frontal Battery Training***

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

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

[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 for free 30 days trial](#)

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

[IONETIC boosts British battery plans with global Rockwell Automation collaboration](#)

[ZincFive Accelerates Investment in US Manufacturing – Nickel-zinc battery technology leader commits to domestic manufacturing and recycling](#)

[China's CATL aims to recharge stock price with 1,000-km EV battery](#)

[Echion partners with MACA on access to battery technology](#)

[Panasonic plans to double its electric vehicle battery production in Japan.](#)

[FREYR advances in battery cell production technology](#)

[EST-Floattech supplies Octopus battery systems to Wight Shipyard for river Thames](#)

[China's SAIC Motor Says It'll Mass-Produce Solid-State EV Batteries by 2026](#)

[China's Gotion breaks 10-minute charge barrier in EV battery race](#)

[Verkor gets over 1.3 bn euros in financing for Dunkirk EV battery gigafactory](#)



**We Are Looking for Battery Experts** - as we build a global and international team which is dedicated to pushing battery cell contacting technologies, we are looking for professionals with a passion for excellence and a drive to shape the future of battery cell production technologies. You want to be a pioneer? Apply now!

[\*\*Join INGUN – Where Innovation Meets Excellence\*\*](#)

<https://www.autocarpro.in/news/exide-industries-to-invest-rs-1000-crore-for-lithium-ion-cell-manufacturing-in-fy25-120724>

[Exide Industries to invest Rs 1,000 crore for lithium-ion cell manufacturing in FY25](#)

[SVOLT will not build battery factory in Germany](#)

[SAIC Motor Maps Out Road to Commercialization for Solid-State Battery](#)

[Honeywell and Volts to Build First Battery Gigafactory in UAE](#)

[Webasto expands EV battery capacity to 300,000 units per annum at Korean plant](#)

[LGES likely to overtake Panasonic in launching 46800 battery mass production](#)

[SM Bexel supplies \\$14.7 mn lithium ampoule batteries to KDI](#)

***Battery Materials news***

[Battery materials supply chain: two players have opposite views](#)

[Coniagas Battery Metals partners with SGS to advance battery metals projects](#)

[China's Kedali Plans to Invest USD49 Million to Build Battery Parts Plant in US](#)

[Battery Recycling Partnership Boost for European Automakers](#)

[China's Capchem to Build USD350 Million Lithium-ion Battery Chemicals Plant in US](#)

[ESM and Ascent Elements plan EV battery recycling plant in Germany](#)

[Redwood Partners With GM's Ultium To Recycle Battery Scrap](#)

[Startup partners with Jaguar Land Rover to develop portable energy storage system using old car batteries: 'Developing second-life battery projects like this is crucial'](#)



*Power up with NANOMYTE® - NEI manufactures a variety of sulfide, oxide, phosphate, NASICON, and polymer-based electrolyte materials, and now halides too! Find the perfect fit for your all-solid-state battery needs.* <https://www.neicorporation.com/products/batteries/solid-electrolytes/>

[Redwood partners with GM joint venture Ultium to recycle battery scrap](#)

[Vitesco implements Kyburz' battery recycling process](#)

[Immense lithium reserve could boost battery production](#)

[Porsche Ventures invests in battery startup South 8 to boost cold-weather EV performance](#)

[LevertonHELM and Mangrove Lithium Sign MoU for Development of Battery-Grade Lithium Refinery in Europe](#)

[Nevada battery recycling operation ramps up capacity](#)

[Swiss Battery Start-up Raises Three Million Euros](#)

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

[NIO & FAW Group Announce Battery Swapping & Technology Collaboration](#)

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

[Sandvik and Glencore to explore second life for BEV batteries with energy storage system pilot](#)

[Mercedes Orders CMBLu Energy Flow Battery For Its Plant In Rastatt, Germany](#)

[innergex says battery energy storage facility in northern Chile begins operations](#)

[Ameresco strikes \\$249 million deal with Atlantic Green to build one of UK's largest battery storage project](#)

[Ukrainian energy start-up wins UK government funding for iron flow battery prototype](#)

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



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 18-20<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/E6PKMX>

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**IFBF** The International Flow Battery Forum™ 25 - 27 JUNE 2024  
**GLASGOW, UK**

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/>

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**WBE** World Battery & Energy Storage 2024 Industry Expo

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



[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

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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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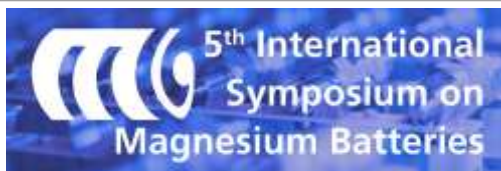


**Dry Coating Forum – Shaping the Future of Dry Battery Electrode Processing, September 10-11, 2024, Dresden, Germany,**

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** 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](http://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!

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

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[Battery Cells & Systems Expo](#) will take place at the NEC Birmingham, Marston Green, Birmingham from 9th – 10th July 2025. 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.

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