



Shmuel De-Leon Energy - Battery Weekly Newsletter

October 27, 2023, No. 721
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Virtual Battery Trainings

30/10-1/11/2023 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](#)

Li-Ion Cells Manufacturing Virtual Seminar - 15-16/11/2023 - [Program and registration](#)

Frontal Battery Training

1st European EV & ESS high Voltage Battery Development Hands-On Seminar, November 29 – 30, 2023, Graz, Austria - [Program & Registration](#)

3rd USA EV & ESS Hands-On Battery Design and Production Seminar, December 4-5, 2023, Lake Orion, MI, USA - [Program & Registration](#)

12nd Hands-On Li-Ion Cells Manufacturing Seminar, Rochester, NY, USA, December 7-8, 2023 - [Program & Registration](#)

[February 23rd, 2024 - 2nd Battery Safety, Storage, and Transportation Hands-On Seminar, Waxahachie, TX, USA - program & registration](#)

Special Offers

Shmuel De-Leon Energy support customer with Li-Ion cells supply problems via our Far East cell suppliers - Join our cells customers group and get a weekly update with cells allocations and offers. send us request to be added to our cells customers group.

[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

[China's new limit on battery metals could haunt the global EV boom](#)

[Stellantis, Samsung to build second EV battery gigafactory in Indiana](#)

[FEV opens state-of-the-art laboratory for customized battery systems and cells in Aachen, Germany](#)

[Log9 Materials partners with Gamma Technologies for thermal engineering of battery cells](#)



Battery Analysis Software from [Micantis](#) provides the most secure, efficient and responsive way to understand batteries so that you can quickly make effective decisions for your business. Your customers get better technology, you get lower risk. Get started with state of the art artificial intelligence for up to 10 times less than Voltaiq, contact us to learn how.

[A Step on the Way to Solid-State Batteries](#)

[Zeta Energy Demonstrates Industry-Leading Progress in Lithium-Sulfur Batteries](#)

[Factorial's New Manufacturing Facility Will Feature Largest Solid-State Battery Line In US](#)

[Samsung SDI to supply EV batteries to Hyundai Motor starting 2026](#)

[Production of 50 GWh battery cells to start in early 2024: MHI Minister](#)

[HD Hyundai Infracore to develop truck battery packs](#)



[Volume Graphics](#) enables battery inspection using industrial computed tomography (CT) to **find and quantify porosity, inclusions, anode overhang, and delamination**. Peer inside sealed batteries and conduct holistic, high-quality inspections—from R&D to end-of-line quality control. We're here to help you not only attain but surpass your quality and reliability goals in this rapidly evolving industry. Let us show you how.

[Sunrise New Energy in talks to partner with LG Energy, Abu Dhabi fund for battery facility](#)

[Chinese EV battery giant CATL reports sharp slowdown in profit growth](#)

[Britishvolt aims to supply batteries to Australian military](#)

[Continental Battery Systems Becomes Proud Partner & Battery Supplier for Kubota Tractor Corporation](#)

[Plus Power raises \\$1.8B for Texas, Arizona battery projects amid reliability,](#)

[load growth challenges](#)



With a multi-million-dollar battery inventory and unparalleled advanced engineering and production capabilities, [Sager Electronics](#)' team of battery experts designs and produces custom portable power solutions that meet the most exacting specification and performance requirements.

[New Flyer sources battery modules from American Battery Solutions](#)

[Litime Has Released 12V 100Ah Group 24 Lifepo4 Lithium Battery](#)

[Hyundai Infracore to supply batteries for Tata Daewoo trucks](#)

Battery Materials news

[Ascend Elements and Orbia's Koura Explore Advanced Graphite Recycling Tech](#)

[ACE, NREL partner for developing low-cost Li-ion battery recycling tech](#)

[Altech Batteries Ltd \(ASX:ATC\) Optimised Design Of CERENERGY Battery Pack](#)

[Stellantis and Orano Enter Electric Vehicle Battery Recycling Agreement](#)

[EV battery cathode recycled with less energy and hazardous chemicals](#)

[Battery metal prices collapse on supply glut, cool Chinese EV demand](#)

[noco-noco to Acquire X-SEPA™ Separator and Lithium-ion Battery Development Company noco-tech](#)

[Solvay launches new SolvaLite® grade for superior flame retardancy in battery enclosures](#)



[NEI Corporation](#) offers a variety of commercial sulfide, oxide, phosphate, and polymer electrolyte materials. Learn more today! <https://www.neicorporation.com/products/batteries/solid-state->

[electrolyte/](#)

[Call2Recycle partners with Ontario city on battery recycling awareness initiatives](#)

[Testing Confirms Northern's LDI Graphite is Battery Anode Material Grade](#)

[Elcora and Mincape partner to develop manganese mining operations in Morocco for EV battery market](#)

[Clarios Targets Lithium-Ion EV Battery Recycling](#)

Chargers & BMS News

[Reliance begins trials of its swappable batteries for electric vehicles](#)

[Honda, Yamato courier partner on battery-swap EVs in Japan](#)

[Omega Seiki Mobility partners with Honda Power Pack Energy for battery swap tech](#)

[India in line to emerge as potential global leader in battery-swapping tech](#)

Grid Storage Batteries News

[Siemens Energy combines synchronous condenser and battery tech to stabilise Irish grid](#)

[Eunice wins permit for 250-MW battery in Greece's Arcadia - report](#)



LIBE 2023, Li-ion Battery Europe 2023, 29 – 31 October, Budapest, Hungary. I am here to humbly invite you to take part in LIBE 2023, a leading global platform that unites the full Li-ION Battery value chain, gathering 800+ leading players and stakeholders in the field of lithium-ion battery to discuss the latest advancements, share insights, and exchange ideas on how to improve the performance, reliability, and safety of Li-ion batteries. <https://li-ion-battery-europe.metal.com/>

Contact us: Young Yang Email: youngyang@metal.com Mobile: +86 13032857769



[The 13th Battery Safety Summit 2023 - November 5-7, 2023](#)



[The Battery Experts Forum](#) (7-9 November 2023, 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.



International EV Batteries 2023: Cost-Effective Engineering for Hybrid and Electric Vehicles, Aston Villa Football Club, Birmingham, United Kingdom, 7-8 November 2023 - www.imeche.org/evbatteries

International EV Batteries 2023 will continue the discussion around the latest developments in battery design, testing, thermal management, charging and integration right across the lifecycle for a more resilient and cost-effective battery. Join this two-day conference to network with a variety of industry experts from pioneering battery and vehicle manufacturers to testing and safety specialists.



[4th European Electric Vehicle Batteries Summit 8th - 9th November 2023](#) in London, UK. The two-day event will look at what can be done with a battery's second life, dealing with sustainability and waste management, and the relevance of the range concern. The event will bring together leaders from major EV battery producers and vehicle manufacturers, sharing their knowledge and their experience with the latest technology developments.



8th Turkey Battery Technologies Summit 2023 – November 22-23, 2023

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.



Future Battery Forum
Berlin + Online

4th Future Battery Forum (November 27-28, 2023 | ECC Berlin + online)

“Accelerating Europe’s battery industry: Innovative. Sustainable. Stronger together.” Staged under this motto, the **European management conference & exhibition** brings together over **700 decision makers and senior experts** from the entire battery value system for two days of **exclusive C-level networking**. In keynotes, panels, tech talks and workshops, about 70 speakers from industry and politics will shed a light on these topics: European market ramp-up and local value chains, Manufacturing innovations & gigafactories, Future battery technologies, Lifecycle and sustainability. Over 80 exhibitors will showcase the latest technologies and solutions for the battery industry. www.futurebattery.eu – fbf@ipm.ag



AABC USA - 11-14 December 2023



Intersolar North America and Energy Storage North America is the premier

US-based conference and trade show focused on solar, energy storage, and EV charging infrastructure. Dedicated to accelerating the energy transition, the event will deliver actionable education, invaluable networking, and an immersive exhibit hall experience—including the crowd-favorite Solar Games competition—next January 17-19 in San Diego, CA.



[5-7 February 2024 - Shmuel De-Leon Energy will organize the 2nd Medical Battery Conference 2024 as part of MD&M West](#)



NAATBatt 2024, the 15th annual meeting & conference of NAATBatt International, will be held on February 19 – 22, 2024, at the Omni La Costa Resort & Spa in Carlsbad, CA. 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](#).

Int'l Rechargeable Battery Expo BATTERY JAPAN

28 February - 2 March 2024 - 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 batteries development & production. The show attracts professionals from all over the world.

Exhibit and visit BATTERY JAPAN to meet industry professionals face to face.

[>> Exhibiting Info Request \(FREE\)](#)

[>> Visitor Ticket Request \(FREE\)](#)



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



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



[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.



17-20/6/2024 - [The Battery Show Europe](#) and Electric & Hybrid Vehicle Technology Expo, 17-20 June 2024 in Stuttgart, Germany, bring together **10,000 + engineers, executives, managers, thought leaders and professionals from** across the advanced battery and H/EV supply chain. Register for 3 days of learning, networking and a chance to meet **600+ exhibitors** to source the latest technology and solutions for your next project.



[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

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/>



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



[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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