



Shmuel De-Leon Energy - Battery Weekly Newsletter

September 22, 2023, No. 716

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Virtual Battery Trainings

EV & ESS High Voltage Battery Pack Design Virtual Seminar - 17-19/10/2023 - [Program and registration](#)

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

[Samsung SDI unveils LMFP based Battery Solutions at IAA Mobility](#)

[Chinese battery makers brace for price war to supply EV producers](#)

[Battery cell prices plunge in August, close to tipping point for the end of ICE vehicles](#)

[S Korean battery firm TDL Global to invest US\\$200 million in Indonesia](#)

[Battery cell prices plummet amid supply glut in China, weak EV demand](#)

[Accelera by Cummins, Daimler Truck and PACCAR Form Joint Venture To Advance U.S. Battery Cell Production](#)

[Nio may form joint venture with Great Wall Motor-backed battery maker](#)

[AESC battery plant set to open in Warren County](#)

[Battery-Tech Startup Dreamfly Innovations Raises \\$300,000 for Graphene Battery Development](#)

[Battery shortage shuttering Cami electric-vehicle plant until spring](#)



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.

[Panasonic's Solid-State Batteries: Not Yet for EVs, but Promising for Drones and Robots](#)

[Battery manufacturing plant coming to Illinois](#)

[Ensurge successfully completed first phase of building Multi-Layered Batteries of its Rechargeable Solid-State Lithium Microbattery](#)

[Zen Energy develops long-lifetime batteries for light electric vehicles](#)

[French EV-Battery Startup Raises €2 Billion for Dunkirk Plant](#)

[UK Business Secretary: Britain Needs Chinese Battery Products](#)

[\\$28.2 billion in EV battery plant subsidies will take 20 years to break even](#)

[DF DEV new energy low-voltage auxiliary battery launched](#)



[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.

[Lyten Raises \\$200 Million in Funding for Lithium-Sulfur EV Batteries](#)

[New Consortium to Make Batteries for Electric Vehicles More Sustainable](#)

[EA Elektro-Automatik Announces Battery Test System with Industry's Highest Power Density](#)

[Spain's Endurance to produce lithium batteries at Mexico auto hub](#)

[Advanced Chemistry Cell Battery Production In India May Start By Jan 2024](#)

The banner features the Sager Power Systems logo on the left, which includes the text 'SAGER POWER SYSTEMS' and 'A SPECIALIZED GROUP WITHIN SAGER ELECTRONICS'. To the right of the logo, the text reads: 'WITHOUT THE RIGHT BATTERY SOLUTION IT MAY AS WELL BE A PAPER WEIGHT.' Below this, it says 'Complete range of in-stock & custom engineered battery solutions.' On the far right, there is an image of a drone with a camera, and a small red button with the text 'Learn More'.

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.

[Forsee Power Launches ZEN LFP, a Very Cost-competitive High-energy Battery System for Heavy Vehicles](#)

[S. Korea opens world's largest EV battery safety center](#)

[Toyota to Introduce Four New Battery Types for Electric Vehicles by 2030](#)

[Stellantis targets 50% battery weight reduction to help EVs match ICE cars](#)

[Panasonic to produce solid-state battery for drones by 2029](#)

[Sion Power Partners with Citrine Informatics on Multi-Year Agreement to Accelerate Battery Technology Development Using AI-Assisted R&D](#)

[Getting EV Battery Gigafactories Up to Speed](#)

Battery Materials news

[MG Motor, Toyota, Ola Electric, others sign up for recycling battery waste to push circular economy for EVs](#)

[Tesla shows interest in Sunrise New Energy's battery components](#)

[Volvo Energy signs agreement for recycled battery BESS](#)

[DoD Enters Agreement to Expand Domestic Lithium Mining for U.S. Battery Supply Chains](#)

[Dragonfly Energy to Revolutionize Energy Storage Via Dry Electrode Battery Manufacturing](#)



[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/>

[EV battery lithium prices drop to 5-month low in China due to low demand, rising ..](#)

[Posco Holdings to boost EV battery value chain integration](#)

[Lithium batteries will now be made using recycled components](#)

[Ecoreco to start lithium battery recycling](#)

Chargers & BMS News

[AI tool 'can cut EV battery testing by up to 70%'](#)

Grid Storage Batteries News

[EDF secures approval for three UK battery projects](#)

[Foss & Company Launches Pioneering Battery Energy Storage Investment Platform](#)



The Battery Tech Expo Sweden (28/9/2023) is the number 1 event to do business in the battery sector within the Scandinavian region. Running the 28th September at the Lindholmen Conference Centre in Gothenburg the event brings together professionals from across the arena to network, share knowledge and do business. The event will feature exhibitors showcasing the latest products and services along with a high profile speaker agenda providing insight across a range of topics. The event is free to attend. You can register tickets from our website – www.batterytechexpo.se



After a very successful 2022 event that gathered 750+ participants from the battery industry, Batteries Event goal is to keep growing and welcome nearly 1000 participants in 2023! Batteries Event is a perfect forum where all the battery industry stakeholders meet, discuss industry trends and best practices - from the battery production to its recycling - covering all aspects of the circular economy value chain. In 2023, Batteries Event will have the pleasure to welcome 140 international speakers & nearly 100 exhibitors!

Site : <https://batteriesevent.com/>

Linkedin : <https://www.linkedin.com/in/batteries-event-lyon-france-896140146/>

Twitter : @BatteriesEvent



After a very successful post-pandemic event last May, the sixth FENIBAT Expo + Conference will gather in Londrina, Brazil, the whole South American Battery industry with its suppliers from all over the world in October 2023. It will include the second FENILITIO, focused on Li-ion and all nascent chemistries. The 700 expected attendants will find a renewed FENIBAT, with more than 20 presentations and over 120 brands Exposition in a new venue, the pleasant and wide space of the Village Events Londrina. The FENIBAT + FENILITIO, the biggest battery event in Latin America, is a must-attend show for all suppliers of the battery industry interested in the South American market.

www.fenibat.com – fenibat@fenibat.com - +55 43 999 37 49 11



Join us at the **EV Battery Technology Conference and Exhibition 2023!** October 23-24, 2023 - Discover the latest breakthroughs in electric vehicle battery technology. Explore cutting-edge innovations, network with industry leaders, and gain valuable insights into the future of sustainable transportation. Don't miss this opportunity to be part of the revolution. Register now and secure your spot at the forefront of EV battery advancements. Event's Link: www.evbatterytechconference.com



“Welcome to the **EV BATTERY RECYCLING & REUSE 2023** Exhibition and Conference (October 23-24, 2023), where leading automotive companies will meet with experts in Frankfurt, Germany, to explore end-of-service battery recycling and repurposing initiatives for the next generation of electric vehicle batteries. The automotive industry is fast-evolving, and with it, rapid growth in manufacturing lithium-ion batteries for use in electric vehicles. With earlier developed EV batteries approaching the end-of-life, it is now increasingly important to address the economic, environmental, and strategic benefits of recycling and repurposing spent batteries and establish a circular economy.”



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](#)



[Shmuel De-Leon Energy will present and exhibit at NAATBatt 2024 Annual meeting & conference, California, USA 19-22/2/2024](#)

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, first launched in 2013 in Seoul, Korea, is Korea's leading battery exhibition showcasing various new products and technologies of battery industry. InterBattery 2024 attracts more than 400 exhibitors(domestic/overseas) and 1,200 booths including global top corporates of battery manufacturers such as Samsung SDI, LG

Energysolution, SK On, CATL. **CHARGE Your Business through InterBattery 2024** ! The link for our website is : <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 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/>



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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