



Shmuel De-Leon Energy - Battery Weekly Newsletter

October 13, 2023, No. 719

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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

[Enovix to Acquire Battery Manufacturer Routejade](#)

[StoreDot partners Flex-N-Gate to mass manufacture fast-charging EV batteries](#)

[Australia and Indonesia should better their battery cooperation](#)

[American Battery Solutions inks battery pack supply agreement with North America's largest bus manufacturer, NFI Group Inc.](#)

[Chile to become second-largest battery market in Americas after US](#)

[US firm ONE to launch safer EV batteries in '24](#)



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.

[Factorial Energy Ships 100 Ah Solid-State Batteries to Global OEM Partners for EV Testing](#)

[Lithionics Battery Makes Debut at IBEX 2023 Show, Showcases First-of-its-Kind Dual Channel Battery System](#)

[Great Power to Partner with Ariel Green to Provide Technology Performance Insurance for Battery Customers](#)

[New \\$5.2 billion battery factory to be built in Canada](#)

[China's lithium battery industry detrimental for its economy](#)

[Volkswagen charges up electric car battery production with joint venture](#)

[Altilium and Lunaz partner on end-of-life EV battery logistics](#)

[Ilika enters 16-month, £2.7m battery production scaling collaboration](#)

[Kia signs comprehensive EV battery value chain deal](#)



[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.

[US-Built Toyota EVs To Use LG Batteries Made In Michigan](#)

[Lyten, Pioneer of 3D Graphene Materials and the Lithium-Sulfur Battery, to Establish Its European Headquarters in Luxembourg](#)

[Quebec's green transition is underway with new electric vehicle battery manufacturing facility](#)

[Nissan's Sunderland battery factory to supply a third of UK capacity](#)

[LG, Samsung, SK enhance battery presence with global automakers](#)

[KORE Power Selects Siemens Xcelerator to Optimize Production at Arizona Battery Gigafactory](#)



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.

[Japan EV battery tester expands capacity as demand ramps up](#)

[KULR Selected by Top 5 American Electric Truck Manufacturer to Design and Develop Safer Next-Gen Batteries](#)

[InoBat plans Serbia battery plant](#)

[Panasonic's \\$4 Billion Coal-Powered Battery Plant Sparks ESG Concerns](#)

[U.S. seeks EV-battery mineral deals beyond China: diplomat](#)

Battery Materials news

[Electra Extends Processing of Black Mass Material Based on Successes of Its Battery Recycling Trial](#)

[Mkango partner ups stake in battery recycling venture Maginito](#)

[Green Graphite seeks to green up EV battery supply chains](#)

[French startup bags €40M for unique CO2 battery recycling tech](#)

[Seipon Technologies opens one of largest separator coating facilities for Li-metal batteries in N America](#)

[Australia's EcoGraf considers battery anode material facility development in Vietnam](#)

[Total Material Recovery: State-of-the-art battery recycling for the EV supply chain](#)

[Umicore, Volkswagen present Ionway battery parts joint venture](#)

[Neometals welcomes seasoned expert to lead lithium-ion battery recycling projects](#)



[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/>

[Saint-Gobain India showcases EV battery solutions at The Battery Show 2023](#)

[EXCLUSIVE: Dragonfly Energy' Scales New Heights in Lithium Battery Production With Cathode Electrode Dry Deposition](#)

[Future of major Italian battery metals recycling plant in question](#)

[Global lithium prices decline despite strong battery-powered vehicle sales](#)

[Semplastics Awarded SBIR Grant By The Department Of Energy For Lithium-Ion Battery Recycling Technology](#)

[LOHUM and Log9 Materials strike deal on Lithium Battery Recycling in India](#)

[Chinese demand outlook pressures lithium prices to 2-year lows as battery makers still have plenty of inventory to draw down](#)

Chargers & BMS News

[Reliance unveils swappable, multipurpose batteries for EVs for clean energy](#)

[NIO completes 30 million global battery swaps, further proving the process's viability](#)

Grid Storage Batteries News

[EVLO to Supply EVLOFLEX Battery Storage Systems for Three SolarBank EPC Projects in Ontario](#)

[Stanwell partners with Queensland manufacturer on 'world's largest' iron flow battery](#)



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](#)



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 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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