



Shmuel De-Leon Energy - Battery Weekly Newsletter

February 3, 2023, No. 683

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Virtual Battery Trainings

15-16/2/2023 - Li-Ion Cells Manufacturing Virtual Seminar - (7 hours - 2 parts)
) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

28/2/2023 - Design of an Informative Lithium Rechargeable Cell Data Sheet
virtual Seminar - [Program and Registration](#)

6-8/3/2023 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](#)

EV & ESS High Voltage Battery Pack Design Virtual Seminar – March 30, April 3-4, 2023 - [Program and Registration](#)

Frontal Battery Training

16-17/3/2023 - 11st Li-Ion Cells Manufacturing Seminar nRochester, NY, 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 fr free 30 days trial](#)

Batteries and Super Capacitors news

[Recharge Industries launches takeover bid for Britishvolt Gigafactory](#)

[Omega Seiki-iM3NY JV to bring US battery cell technology in India](#)

[BMW To Begin Producing Solid-State Battery Cells This Year](#)

[LG denies decision to pull out of 4th battery plant with GM](#)

[Centre likely to announce EV battery safety and performance standards next month](#)

[Battery research moves to next stage of commercialization](#)

[REE Automotive Names Microvast as Battery Pack Supplier for Its Commercial EV Platforms](#)



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.

[Microvast's MV-C Gen 4 Li-ion battery packs to power REE's P7 fully-flat commercial EV platforms](#)

[China's CATL German plant targets six battery cell production lines by end-2023](#)

[Tesla's Elon Musk confirms 4680 battery cells will be used for stationary storage](#)

[Battrix Batteries receive AIS 156 Amendment III Phase 2 certification](#)

[Steatite Uses Wire Bonder on Custom Battery Packs](#)

[Britishvolt: Australian battery start-up considers move to revive gigafactory plans](#)

Battery Materials news

[ICL to build \\$400M LFP material plant in Missouri](#)

[KAUST startup Lihytech raises \\$6 Million for lithium extraction from seawater](#)

[EV Battery Manufacturers Developing Silicon Anode Materials](#)

[China's LFP battery cathode material capacity glut will surface in 2023-2024?](#)

[Cabot Corp. in U.S. pursuit of EV battery materials](#)

[Eramet targets 10,000 tonnes of lithium per year in French project](#)

[Royal Oak's Graphex Signs LOI to Boost Graphite Production for EV/Battery Market](#)

[POSCO Chemical signs US\\$33 bln deal to supply cathode materials to Samsung SDI](#)



Solid Electrolyte Materials

Sulfide

[NEI Corporation](https://www.neicorporation.com/products/batteries/solid-state-electrolyte/) is your go-to source for commercial solid electrolyte materials, with a variety of sulfide, oxide, phosphate, and polymer electrolyte compositions to choose from. Link to: <https://www.neicorporation.com/products/batteries/solid-state-electrolyte/>

[South Korean battery makers speed up recycling business in U.S. ahead of IRA](#)

[Go inside Group14, the \\$3B startup with a secret tech for better batteries](#)

[Altech Chemicals and Fraunhofer make significant progress in CERENERGY battery joint venture](#)

[First Tellurium Strategic Partner Co-authors Study on Advantages of Tellurium in Lithium-ion Batteries](#)

Chargers & BMS News

Grid Storage Batteries News

[Altech and Fraunhofer finalise plans for 100MWh sodium solid state ESS battery plant in Germany](#)

[Enphase Energy and Enerix to Expand Solar and Battery Storage Product Offerings in Europe](#)

[Altech closing in on game-changing grid storage battery plant](#)



6-8 February 2023 - Shmuel De-Leon Energy will organize the [1st Medical Battery Conference 2023](#) as part of MD&M West



[NAATBatt 2023](#) is the 14th annual meeting of NAATBatt International, the North American trade association for advanced battery technology. The program includes NAATBatt committee meetings, market analyst reports, talks on subjects of industry interest, and presentations by most of NAATBatt's 250+ member firms. Also the best networking and market intelligence in the North American battery industry. Members and non-members are welcome.



[EV Battery Technology Conference and Exhibition 2023:](#)

Electric power is the latest technology that is revolutionizing the auto industry. There are many kinds of batteries, but lithium-ion is emerging to be the dominating battery in technology. Battery technology is constantly being formulated in order to find alternative cell chemistry, to ensure that batteries are cheaper and more energy efficient. This is where our EV Battery Technology Conference and Exhibition 2023 is going to come in place and will provide you with an exclusive platform to divulge deeply into this subject. To let influential voices and key players from the EV industry speak about conviction. The conference will provide an exquisite opportunity for EV enthusiasts to behold all the latest and greatest the EV industry has to offer. From electric scooters to electric bikes to electric cars and buses, everything will be on a display to give you the best and a niche experience in the EV spectrum.



[EV Battery Recycle and Reuse Conference and Exhibition 2023](#)

The automotive industry is rapidly growing and evolving, with the usage of lithium-ion batteries in Electrical Vehicles. With the emergence of batteries, the carbon footprint has also increased. As the battery stays the key element in the electrical vehicle, its supply cannot be disrupted. But it is also alarmingly important to address and draw out strategies for recycling and repurposing the batteries. This is where our conference will become a pivotal platform to not only open up the discussion about it but also to carve out solutions for it. There will be a well-planned forum to dive into this topic deeply. Batteries are a vital resource to the industry but so is the sustainability of the environment. Our conference will adhere to mapping out the solutions, which will not just be a quick fix but will comply with a long-

term plan.

You'll get hands-on knowledge on repurposing the batteries, which will also become beneficial for your business. Veterans and industry experts will give an insight into methods of recycling cost-effectively. Explore new innovations and assess the latest results. From electric scooters to electric bikes with the newest battery models, to upcycled and reused battery modules, everything will be on a display to give you the best and a niche experience in the EV spectrum.



ENERGY
STORAGE
NORTH AMERICA

Next February 14-16, Intersolar North America and Energy Storage North America will unite solar + storage professionals in Long Beach, CA for impactful learning, networking, and business. With a comprehensive conference program, lively Solar Games competition, and immersive exhibition, #isnaesna23 will deliver an unmatched opportunity to gain insights, make connections, and source products. Get discounted pass rates: <https://bit.ly/3CYFycT>



TechBlick, the leading platform for emerging technologies is holding a live, virtual event on Solid-State Batteries: Innovations, Promising Start-Ups and the Future Roadmap on 15 & 16 February 2023 - see www.TechBlick.com/Batteries

This event covers two major themes in the battery industry: (1) solid-state batteries and (2) frontier materials beyond standard Li-ion chemistry. TechBlick brings together a handpicked world-class agenda consisting of end users, manufacturers, promising start-ups, as well as renowned market analyst groups. This event provides the opportunity to learn about the latest technology trends, disruptive start-ups, scale-up and production strategies, green approaches, OEM requirements, and market analysis and forecasts. It is truly a unique agenda with unparalleled networking opportunities. Register now at www.TechBlick.com/Batteries to take advantage of attendee earlybirds.

11th International Conference

Thermal 
Management for EV/HEV

Automotive IQ's [11th Annual Thermal Management for EV/HEV in February 21-23, 2023 in Germany](#) is a direct reflection of where Europe's EV/HEV thermal management industry is right now and is geared to give attendees practical insight and extensive coverage from **leading OEMs, Tier-1, and Tier-2/3 vendors** on the most important topics in the space right now, focusing on all the different domains that are contributing to thermal management.



Welcome to the Electric Vehicles [BATTERY TECH USA 2023](#) Exhibition and Conference, where electric vehicle battery technology innovators will meet with leading automotive manufacturers to explore new battery technologies and battery management systems for use in next-generation electric vehicles.

Int'l Rechargeable Battery Expo **BATTERY JAPAN**

16-17 March 2023 - Battery technologies are the key to achieving carbon neutrality by 2050 as they will largely contribute to the popularisation 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 \(FREE\)](#)



International battery seminar & exhibit 2023 - March 20-23/2023



InterBattery2023, first launched in 2013 in Seoul, Korea, is Korea's leading battery exhibition showcasing various new products and technologies of battery industry. InterBattery 2023 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 2023** ! The link for our website is : <http://interbattery.or.kr/en/>



[Battery tech Expo](#) - The UK's largest one day battery industry event bringing together hundreds of industry buyers, specialists and suppliers. From corporate buyers, suppliers and industry specialists, this event is where the battery industry meets year after year, to connect, learn and discover the latest developments and products. 100 Exhibitors, 30 Presentations, 2000 professionals.



The [World Energy Storage Exhibition & Forum](#) will take place on **10-11 May 2023** at the Rotterdam Ahoy, co-located with [World Hydrogen 2023](#). Bringing together the world's energy and battery technology pioneers paving the way for crucial energy storage advancements to solve many of the current energy issues. Showcase your storage technology and solutions and establish key cross-sector partnerships to enable a resilient energy future.



The [15th China International Battery Fair](#) (CIBF2023), organized by China Industrial Association of Power Sources, was originally planned to be held in Shenzhen Convention & Exhibition Center. The novel corona virus is spreading all around the world. In order to protect the health and life safety of exhibitors, visitors and partners, and ensure the exhibition results of exhibitors at home and abroad, we solemnly announce: the 14th China International Battery Fair, CIBF2021 will be held in Shenzhen Convention & Exhibition Center on May 16-18, 2023, and the exhibition venue, booth number and area of exhibitors will remain unchanged.



23-25/5/12/2023 - [The Battery Show Europe](#) and Electric & Hybrid Vehicle Technology Expo, 23-25 May 2023 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.



[4th European Electric Vehicle Batteries Summit 6th - 7th June 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.



AABC Europe - 19-22 June 2023



[Battery Cells & System Expo 2023](#) - 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 thousands of professionals."



Join us at the Gaylord National Resort & Convention Center in Maryland from June 27-30, 2023, for the [49th Power Sources Conference](#)! The Power Sources Conference is the oldest continually held biennial conference devoted to research and development of power source, energy conversion, power distribution and management technologies for military use. The conference goal is to bring Government, industry and academic researchers and developers together to discuss advances in power and energy technologies to support the growing power demands of military platforms and electronic systems. Attendees are comprised of representatives from

organizations within DoD and other Government Agencies who are responsible for the design, research, development, engineering and transition of power and energy components and systems, along with industry and academic partners supporting collaborative research and manufacturing of such products. The conference features technical presentations and exhibits on the latest advances in materials, primary and rechargeable batteries, fuel cells, and power systems while offering the opportunity network with Government researchers, academic and industrial colleagues y



Hans H. Schive from Asker, Norway together with Shmuel De-Leon Energy will organize the [5th Oslo Battery Days conference](#) in Oslo, Norway, August 21-22, 2023



September 4-5, 2023 - Welcome to the Electric Vehicles [BATTERY TECH EUROPE 2023](#) Exhibition and Conference, where electric vehicle battery technology innovators will meet with leading automotive manufacturers to explore new battery technologies and battery management systems for use in next-generation electric vehicles.



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 **September 12-14, 2023**, 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/zKVWBI>



Batteries Event 2023 will take place in Lyon, France, 10-13/10/2023. Our ambition: to be a must-attend event for those who want to meet with high level representatives and have a clear vision of the profound transformations to come, made possible by the massive growth of the battery industry in Europe. We will welcome you in Lyon, from October 18 to 21, at Palais des

Congrès. We expected +500 attendees, 100 international speakers and +60 booths.

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



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



Future Battery Forum

Nov 27 - 28, 2023 // ECC Berlin + Online

The **management conference with accompanying exhibition** brings together the entire value system of **battery technologies: Across industries, users, battery system & cell manufacturers and their suppliers** will spend two days exchanging ideas and information, making new contacts and discussing how the industrial ramp-up with a **high market share of battery-driven solutions in Europe** can be achieved.

Around **700 participants, 80 sponsors & exhibitors and 70 speakers** are expected on-site. www.futurebattery.eu



[AABC USA](#) - 11-14 December 2023

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