



Shmuel De-Leon Energy - Battery Weekly Newsletter

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Virtual Battery Trainings

Li-Ion Cells Manufacturing Virtual Seminar - 18-19/7/2023 - [Program and registration](#)

1-3/8/2023 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 - 17-19/10/2023 - [Program and registration](#)

Frontal Battery Training

[September 8th, 2023 - 1st Battery Safety, Storage, and Transportation Hands-On Seminar, Waxahachie, TX, USA - program & registration](#)

TBD - 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

[Company discovers ingenious new process that could double the lifespan of lithium-ion batteries for EVs](#)

[Chinese EV Skywell maker agrees deal to build Türkiye battery plant](#)

[Verkor SAS and Energysys agree MoU to explore building US lithium battery gigafactory](#)

[Chinese Battery Manufacturer EVE Energy Scores Second Gigawatt Scale US Deal](#)

[EU lawmakers back law regulating batteries and waste batteries](#)

[Startup Volexion thinking beyond the 'Holy Grail' of battery power](#)

[Enevate Announces New Production License Agreement with JR Energy Solution, Enabling Further Scale-up of its Breakthrough Battery Technology](#)

[Stellantis \(STLA\) Ventures pumps 100M euros into mobility and battery tech startups](#)

[Industry Leaders Invest \\$22 Million in Australian Energy Start-up Sicona Battery Technologies](#)



[TWAICE battery simulation models](#)

TWAICE's coupled electric-thermal-aging battery simulation models serve engineers during battery system development. Model types are based on lab parametrization, cell data sheets or TWAICE's extensive database of battery parameters. Cutting edge features include modeling of swelling force, OCV aging and degradation modes. Interested in being at the forefront of battery development and working with our expert team? [Get a demo.](#)

[Stellantis Adding Battery Production in France](#)

[From oil to lithium: How Saudi Arabia is building a battery supply chain](#)

[BYD invests \\$4.2 billion in lithium projects in Jiangxi province](#)

[Great Wall Motor To Manufacture EV Batteries In Thailand](#)

[Exclusive - Canadian pensions manager invests \\$400 million in Swedish battery maker Northvolt](#)

[Hyundai Mobis to build \\$60m EV battery factory in Indonesia](#)



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.

[Philippines says China's Yadea to invest \\$1 billion in e-motorcycle plant](#)

[Toyota to receive 120 bil. yen subsidy for EV battery investment](#)

[Gotion Inc. battery plant to move forward after federal review](#)



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.

[Samsung SDI Showcases Sustainable Battery Technologies at InterBattery Europe 2023](#)

[Lyten opens first automated battery pilot line in the U.S. to produce graphene-enhanced lithium-sulfur batteries](#)

[PowerCo SE introduces innovative dry coating procedure to revolutionize battery cell manufacturing.](#)

[EU Parliament approves comprehensive battery market regulation](#)

[Indonesia invites Norway to invest in EV battery industry](#)

Battery Materials news

[Zeta Energy Develops a Process for Double-Sided CNT coating for Lithium-Sulfur Batteries](#)

[Chinese battery giant CATL seals \\$1.4 billion deal to develop Bolivia lithium](#)

[CATL and Arun Plus partner up for cell-to-pack \(CTP\) cooperation in Thailand](#)

[Optimized combination to enable low-cost mass production of solid electrolytes for all-solid-state batteries](#)



**Cathode & Anode Electrode Sheets
for Li-ion and Na-ion Batteries**

**Powered
NANOMY**

NEI offers a variety of cathode and anode electrode sheets for both Li-ion and Na-ion batteries. Choose from our standard catalog or customize to your specs. [Click to learn more!](#)

[VW masters dry-coating battery process with potential to slash cell costs](#)

[Hydrovolt invests big in new battery recycling technology](#)

[Barriers Removed for Commercializing Magnesium Secondary Batteries](#)

Chargers & BMS News

[New Swap Policy Might Miss 'Battery Standardisation' Clause](#)

Grid Storage Batteries News

[Japan's Shikoku Electric enters first grid-scale battery storage project](#)

[HiTHIUM signs with Powin to deliver stationary battery products](#)

[Energy Plug Technologies Signs Letter-of-Intent for Potential Entry into the EV and Battery Energy Storage System Sector](#)



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.



[Battery Cells & System Expo 2023](#) - 28-29 June, 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.”



10th Workshop “Lithium-Sulfur Batteries”, July 3-4, 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 years, the 10th anniversary of the Fraunhofer IWS “Lithium-Sulfur Batteries” workshop 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.



[Lithium & EV Battery Raw Material Supply Chain, Europe 2023](#) - July 5-6, 2023, , The focus of the conference is **understanding what the roadmap looks like in terms of investing in next-generation infrastructure to enable Europe to be more self-sufficient**. In terms of mining, refining, and recycling.



WORLD BATTERY INDUSTRY EXPO

世界电池产业博览会

August 8-10, 2023, Occupying 8 exhibition halls in China's biggest expo complex, WBE 2023 will see a record-high show space of 100,000 sq.m with over 1,000 exhibitors. More details on <http://en.battery-expo.com/>

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[Solid State Battery Summit - August 8-9, 2023](#)



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 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 **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>

ENERGY STORAGE 2023

13th & 14th September
London, United Kingdom

For More Information & Registration:
Email: mahsan@acieu.net

[ACI's 11th Energy Storage conference](#) is scheduled for 13th-14th September 2023 in London. The conference will address industry challenges and opportunities, focusing on topics such as grid connections, hydrogen storage, and alternative energy storage systems. It will serve as a valuable platform for knowledge sharing, networking, and forging partnerships. Senior representatives from utility providers, power generators, technology developers, energy storage service providers, and policy regulators will come together to participate in the two-day event. For special members/subscribers discounted registration or for the updated brochure, please contact **Mohammad Ahsan** on +44 (0)20 3141 0606 or mahsan@acieu.net



Dry Coating Forum – Shaping the Future of Dry Battery Electrode Processing, September 12-13, 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. It is expected that dry battery electrode coating will become the industry standard. Fraunhofer IWS launches the “Dry Coating Forum”, where material suppliers, equipment manufacturers, cell producers and end users exchange information about developments and challenges in dry coating technologies.



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



“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.”



[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.



[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.*



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



[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 : <http://interbattery.or.kr/en/>



[International battery seminar & exhibit 2024](#) - March 12-15/2024



AABC Europe 2024, Strasbourg, France, May 13-16, 2024



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.



[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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