



Shmuel De-Leon Energy - Battery Weekly Newsletter

July 14, 2023, No. 706

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Virtual Battery Trainings

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.

New:

Na-Ion cells

LMFP cells

46800 Li-Ion and LFP cells

Solid Electrolyte cells

[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

[EV truck maker Nikola to pull the plug on battery supplier Romeo](#)

[Toyota Mulls Round the Clock EV Battery Production in Aichi Pref.](#)

[Canada agrees to \\$11bn subsidy to save Ontario battery plant](#)

[Ola Electric's battery and cell manufacturing facility to be functional in 6 to 9 months](#)

[Microvast confirms it won't develop plant in Hopkinsville](#)

[NIO finally adds its solid-state battery to user manuals, arrival of 930 km range option imminent](#)



[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.](#)

[Sodium-ion batteries: the promise of cheap, abundant storage](#)

[Sion Power's Licerion® Lithium-Metal NextGen Battery Technology Expands Availability for Commercial eMobility Evaluation](#)

[Li-Cycle \(\\$LICY\) and EVE Energy Announce Collaboration to Explore Lithium-Ion Battery Recycling](#)

[Li-Fire and Fireaway Inc. join forces to combat Lithium-Ion battery fires](#)

[Svolt building EV battery plant in Thailand](#)

[Advanced Cell Engineering Unveils New State-of-the-Art Battery Laboratory](#)

[European Battery Industry Highly Values Korea as Key Partner](#)

[Mega Chinese lithium battery factory in Sines at risk](#)

[EVE Energy Forges Multi-line Layout and Synergistic Development to Goglobal](#)



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.

[Avenira extends agreements for upcoming LFP battery manufacturing facility in Darwin](#)

[Ganfeng Lithium sees remarkable advancement in Chongqing-based solid-state battery project](#)



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.

[Startup creates new EV battery that can charge to near-full capacity in just 6 minutes — regardless of weather conditions](#)

[Magnis' operational lithium-ion battery plant makes it truly unique on the ASX](#)

[Lucid CEO Wants to Make EVs More Affordable by Reducing Battery Size](#)

attery Materials news

[China's GEM Enters Sodium Battery Materials Sector With First Contract](#)

[EMR building lithium-ion battery recycling facility in Hamburg](#)

[Chinese Mining Company Opens Giant Lithium Processing Plant In Zimbabwe](#)

[Lotte Chemical to invest \\$2.3bn in copper foil for EV batteries](#)

[New EV Battery Materials Will Beget New Dilemmas](#)

[Nissan takes the long, complex approach to recycling old EV 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!](#)

[Comau developing fully automated system for battery recycling](#)

[Freudenberg Sealing Technologies Thermal Interface Material \(TIM\) used in series-production EV charging port](#)

[Major battery recycling plant moves forward](#)

[Canada's RecycLiCo to build a battery recycling plant in Taiwan](#)

[BASF opens co-located battery materials and recycling center in Germany](#)

Chargers & BMS News

[India's battery swapping policy for electric vehicles: A timeline](#)

[Battery Smart Snags \\$33 Mn As EIF, BII Join Cap Table](#)

[EVLMO and Schneider Team Up to Boost Thailand's EV Charging Infrastructure with Fast Chargers and Battery Plant](#)

Grid Storage Batteries News

[Sungrow to Supply 260MWh Battery Storage to Penso Power and BW ESS in UK](#)

[Bulb co-founder raises £100m for battery storage company Field Energy](#)

[British Gas owner unveils plans for biggest battery storage site yet](#)

[Electric utilities for Anchorage and Mat-Su install \\$63 million Tesla battery system](#)

[Researchers Explore Using Battery Systems In Locomotives To Support US Power Grid](#)



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>



[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.”



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 Scientists, Investors, Project Developers, Financiers, Technology suppliers, and other 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.



[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



[Battery Cells & System Expo 2024](#) - 15-16 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 thousands of professionals.”



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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