



Shmuel De-Leon Energy - Battery Weekly Newsletter

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Virtual Battery Trainings

15-17/1/2024 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](#)

Frontal Battery Training

3rd USA EV & ESS Hands-On Battery Design and Production Seminar, December 4-5, 2023, Lake Orion, MI, USA - [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

[Hyundai Plans To Set Up Battery Plant In Tamil Nadu By 2025 To Drive Down Cost Of Electric Vehicles](#)

[Northvolt unveils 160 Wh/kg sodium-ion battery](#)

[GE's energy business to buy US-made LFP batteries from startup Our Next Energy](#)

[Full Circle acquires lithium processing facility in Georgia](#)

[StoreDot signs Circular for blockchain battery supply chain traceability](#)



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.

[Stellantis battery technology centre begins to rise from ground in Windsor](#)

[Chinese-Slovak venture signs deal for battery plant in Slovakia](#)

[BYD to build first sodium-based battery manufacturing plant for EVs](#)

[Komatsu and Volvo scramble for batteries as electric transition looms](#)

[Gelion enters battery development deal with Ionblox](#)

[Promising salt batteries for heat storage](#)

[Ford Cuts Size of U.S. EV Battery Plant Using Chinese Technology](#)



[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.

[Volkswagen begins operating first wholly owned battery pack plant in China - local govt](#)

[China's battery testing company Fire Cloud Technology closes angel funding round](#)

[A new approach to create fast-charging lithium-ion batteries with a graphite-based anode](#)

[Preparatory earthworks for Northvolt battery factory in full swing](#)

[Stantec-designed billion-dollar lithium-ion battery cell manufacturing facility coming to British Columbia](#)

[Renault may get battery cells made in Spain from China's AESC](#)



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.

[Volkswagen China – High-Voltage Battery System Rolls Off Production Line – A Crucial Step towards EV Production in Anhui](#)

[Nissan to Ramp Up EV, Battery Business in U.K. With Over \\$2 Billion Investment](#)

[Northvolt and Altris validate 160Wh/kg sodium-ion battery cell](#)

[Australia well-placed to become a battery manufacturer: report](#)

[Double award for lithium battery specialist Flash Battery](#)

[New Partnership to Drive Affordable Battery Solutions for Electric Vehicles in Europe](#)

Battery Materials news

[Kinterra Raises \\$565 Million for First Battery-Metals Fund](#)

[Lawmaker Pitches Rechargeable Battery Recycling Incentive](#)

[Vulcan Energy set to produce Europe's first locally sourced lithium chemicals](#)



NEI Corporation offers 15 different compositions of Na-ion anode, cathode, and electrolyte materials. Get a quote today!

Link to: <https://www.neicorporation.com/products/batteries/sodium-ion-battery-materials/>

[LS MnM signs \\$516 million deal to build Ulsan battery material plant](#)

[Glencore to build pilot battery recycling plant outside of Italy](#)

[RecycLiCo Lithium Carbonate Qualified by Battery Cell Test](#)

Chargers & BMS News

[China Backs Battery Swap in Nio Partnership](#)

[This autonomous EV charging robot roams car parks in search of flat batteries](#)

[Unleashing the Power of Swapping Battery Cabinets for Enhanced Efficiency](#)

Grid Storage Batteries News

[Beyond Lithium: Vanadium Flow Batteries Paving the Way for Sustainability](#)

[Making vanadium flow batteries last even longer](#)



[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.

LCA, Recycling, Circular Design And Sustainable Sourcing For EV Batteries & Carbon Neutral Vehicles USA

American Business Conferences

LIVE IN DETROIT & ONLINE | JANUARY 23-25, 2024

The 8th event in the Global LCA for Automotive Series comes to Detroit in January covering recycling, circular design and sustainable sourcing.

Speakers including Sustainability, LCA, Product Design, Engineering and EV Battery Manufacturing experts from companies including **Toyota North America, Canoo, PACCAR, JLR, Volvo Trucks, Ford** and across the

supply chain, this is a must-attend automotive sustainability Congress.
<https://www.carbon-neutral-vehicles-lca-congress.com/>



[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](#).

BATTERY JAPAN **March**

16th Int'l Rechargeable Battery Expo

BATTERY JAPAN is the World's Leading Exhibition for Rechargeable Batteries.

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 battery development & production. 1,600* exhibitors & 70,000* visitors will gather from all over the world (*including concurrent shows). Visit the show to explore the latest technology.

Dates: Feb. 28 - Mar. 1, 2024

Venue: Tokyo Big Sight, Japan

Web: <https://www.wsew.jp/spring/en-gb.html?monetamediaigroup>

12th International Conference

Thermal Management For EV/HEV 2024



Thermal Management for EV/HEV 2024 (5-8/3/2024): Europe's Premier Technical Thermal Management Conference returns to Munich in 2024. According to a thermal management expert at a leading European OEM... 'Thermal management has become more profitable, and has a high market value.' The event will uncover thermal management solutions on both the component and system/vehicle level, optimising cost, efficiency, range and performance while working within actual real-world limitations.



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



[ISO 26262 & SOTIF Conference 2024 \(15-18/4/2024\)](#): After the record-breaking success of the 2023 Functional Safety Week in Berlin, mark your diaries for April 2024 as Automotive IQ's Functional Safety Week returns to Germany. Partnering with ISO 26262 & SOTIF Conference offers you the ideal platform to get your message across to an engaged audience of senior decision makers.



The Battery Tech Expo UK, Silverstone runs 25th April 2024. The largest technical event in the UK dedicated to the battery supply chains. 150 Exhibitors, 80 Presentations, 2000 professionals. Workshops, Seminars. Free to attend. You can register a ticket from our website – www.batterytechexpo.co.uk



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.



[The Battery Show Europe and Electric & Hybrid Vehicle Technology Expo](#), 18-20 June, 2024 in Stuttgart, Germany, brings together **16,000 + engineers, executives, managers, thought leaders and professionals** from across the advanced battery and H/EV supply chain. Save the date for 3 days of learning, networking and a chance to meet **800+ exhibitors** showcasing the latest technology and innovations 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



[9th Turkey Battery Technologies Summit 2024 – September 25-26, 2024](#)

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.

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 **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/>



Batteries 2024, 16-18/10/2024, Lyon, France

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

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

Twitter : @BatteriesEvent



[The Battery Experts Forum](#) (5-7 November 2024, 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.



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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