



## **Shmuel De-Leon Energy - Battery Weekly Newsletter**

December 15, 2023, No. 728  
Sent to 80,000 Battery industry members  
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[Battery Industry Upcoming updated list](#)  
[Battery market reports 2023](#)

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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***

[February 22-23, 2024 - 2nd Battery Safety, Storage, and Transportation Hands-On Seminar, Waxahachie, TX, USA - program & registration](#)

## ***Special Offers***

Need Li-Ion cells? - Shmuel De-Leon Energy is selling Li-Ion cells from majority of the market leading cell makers - Join our cells customers networking group and get a weekly update with cells allocations and cost. [shmuel@sdle.co.il](mailto:shmuel@sdle.co.il)

[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***

[CATL says Ford project on track despite new U.S. battery rules](#)

[Home-made high-capacity battery cells enter mass production](#)

[Enevate Announces Production License Agreement with CustomCells, a Major Milestone in Commercializing Its Breakthrough Battery Technology in Europe and the Rest of the World](#)

[Ilika passes another milestone in solid-state battery development race](#)

[Duke Energy disconnects CATL batteries from Marine Corps base over security concerns](#)

[Volkswagen-backed Gotion begins EV battery manufacturing in Thailand](#)

[Leading innovators in crash-safe battery protection for the automotive industry](#)

[European Battery Alliance \(EBA 250\) strongly welcomes new EU financial stimulus of €3bn to boost growth of the battery industry](#)

[EV battery production plant planned for East Iberville](#)



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.

[Automakers race to reduce battery costs to compete with Chinese companies](#)

[Log9 plans to expand lithium-ion battery cell capacity to 1 GWh](#)

[Euro Energy Launches Advanced Custom Lithium-Ion Battery Packs In Leicester](#)

[Samsung SDI renews push for all-solid-state batteries](#)

[A closer look at Scania's next-generation battery](#)



HEXAGON



VOLUME  
GRAPHICS

[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.

[LG Energy Solution develops technology to upgrade lithium metal batteries' performance](#)

[Blue Current reports progress towards a safe, high energy density solid-state battery](#)

[Rivus Batteries raises half a million Euros to deploy organic batteries](#)

[Farasis presents battery system with semi-solid pouch cells](#)



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.

[LGES to supply NCM li-ion modules for ICPT's e-bus battery system](#)

[Chinese battery maker Gotion launches 1st battery product in Thailand](#)

[Stellantis To Implement Swappable Ample Battery Modules In Shared EVs](#)

[Echion Technologies CTO joins advisory board project supporting green batteries transition](#)

### ***Battery Materials news***

[Cirba Solutions Helps Toyota Expand Battery Recycling Network to Nationwide Program](#)

[Plastiques Gagnon expands to serve growing Que. battery industry](#)

[LOHUM expands to UAE with the first EV Battery Recycling Plant](#)

[Volt Resources' natural graphite anode shows promising longevity in battery tests](#)

[SOLiTHOR's Latest Advancements in All-Solid-State Lithium Battery Technology](#)

[Wildcat seeks entry into US battery supply chain with cathode plant](#)

[South 8 Debuts its Arctic™ LiGas® Battery Electrolyte for Reliable, Safe Performance in Extreme Environments](#)



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/>

[Euro Manganese Welcomes New €3 Billion Fund Proposed by the European Commission to Boost Growth of the EU Battery Industry](#)

[Finnest Invests USD 100 Million In Battery Recycling And Odisha Expansion](#)

[RecycLiCo approved by Taiwan for battery recycling joint venture with Zenith Chemical](#)

[Korean Researchers Develop Waste LFP Battery Recycling Tech](#)

### ***Chargers & BMS News***

[Gogoro presents battery-swapping plans for electric vehicles](#)

[NIO's 2,200th battery swap station in China goes live](#)

[Stellantis Teams With Ample for EU Battery Swapping](#)

### ***Grid Storage Batteries News***

[Energising tomorrow: Scatec ignites one of the world's largest hybrid solar and battery project in South Africa](#)

[Sri Lanka to sign PPA for US\\$1.7bn solar plant with battery storage](#)

[Canadian Solar gets 500 MW supply contract for battery storage project in UK](#)



[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.

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## 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/>

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[5-7 February 2024 - Shmuel De-Leon Energy will organize the 2nd Medical Battery Conference 2024 as part of MD&M West](#)

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NAATBatt 2024, the 15<sup>th</sup> 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](#).

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## 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>

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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.

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**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/>

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

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**[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 25<sup>th</sup> 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](http://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.

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[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.

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[Solid State battery Summit 2024](#) - Chicago. IL, USA August 14-15, 2024

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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

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[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.

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## 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/>

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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

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[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.

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**Shmuel-De Leon Readers Save \$150!**



[AABC USA](#) - Las-Vegas, NV, USA 9-12 December 2024

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[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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