



Shmuel De-Leon Energy - Battery Weekly Newsletter

November 11, 2022, No. 671

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Virtual Battery Trainings

16-18/1/2023 EV & ESS High Voltage Battery Pack Design Virtual Seminar (5 hours - 2 parts of 2.5 hours each) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

31/1-2/2/2023 Battery Virtual Seminar (8 hours - 4 parts of 2 hours each) -

16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

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](#)

Frontal Battery Training

17-18.11.2022 - 2nd EV Hands-On Battery and Production Seminar, MI, USA - [program and registration](#)

31/11 - 1/12, 2022 - 9th 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](#)

We also sell chipset for PCM/BMS - Contact us with requirements.

Batteries and Super Capacitors news

[Union Pacific Invests \\$100 Million in Battery-electric Locomotive Fleet, Infrastructure](#)

[Europe leans on Asian firms for 'homegrown' electric vehicle batteries](#)

[South Korean firms join forces to lead the global EV battery market](#)

[A California Startup Says 3D Printing Batteries Could Double Capacity](#)

[\\$2.8 Billion in Grants Awarded to 20 Companies for EV Battery Production](#)

[Inobat and Ideanomics secure incentives for joint venture battery R&D and production facility](#)



RIKEN KEIKI Co., Ltd.

RIKEN KEIKI Co., Ltd. manufactures gas detectors with an integrated system from research and development to after-sales service to protect workers in all industries from hazards caused by a wide variety of gases. For more information, please [contact us](#).

[Altech achieves longer storage battery pack](#)

[Chinese Battery Firm CALB to Set Up European Factory](#)

[Solid-state batteries still decade away from mass production, says StoreDot](#)

[Rockwell Automation wins contract for Hyundai's \\$5.5B U.S. battery plant](#)

[Britishvolt: Battery start-up boss determined to see gigafactory built](#)

[Plana Selects Battery Supplier for Hybrid-Electric Air Taxi](#)

Battery Materials news

[AMERICAN BATTERY FACTORY ENTERS STRATEGIC ALLIANCE WITH ANOVION TO PROCURE SYNTHETIC GRAPHITE FOR US-MADE LITHIUM-ION BATTERIES](#)

[India's largest E-waste recycler sets up li-ion battery recycling plant in India](#)

[GM to develop EV battery separators with \\$200M U.S. DOE grant](#)

[Snohomish County-based battery maker awarded \\$100M federal grant](#)

[Hyundai Glovis to enter EV battery recycling market](#)

[American Elements Creates Novel Nanoscale Electrolyte for Next-Generation Lithium Batterie](#)

[New materials could enable longer-lasting implantable batteries](#)

[Dow : Launches New Generation of High-bonding Adhesive for EV Batteries](#)

[Cirba Solutions and General Motors Extend Collaboration on EV Battery Recycling to Help Support Sustainable Battery Supply Chain](#)



[NEI Corporation](#) offers a variety of cathode and anode electrode sheets that are suitable for a wide range of Li-ion and Na-ion applications. Customers can choose from standard, ready-to-ship tapes or customize to their own specifications. Get a quote today!

Link: <https://www.neicorporation.com/products/batteries/cathode-anode-tapes/>

[Tesla lithium supplier Livent Corp. considers Canadian expansion](#)

[Advanced Materials Company Lyten Opens First 3D Graphene Fab In New 55,000 Square Foot Silicon Valley Plant](#)

[Solvay and Orbia Join Forces to Create a Joint Venture in North America to Supply Critical Materials to the Battery Market](#)

[Cabot Corporation Launches New LITX® 93 Series of Conductive Carbon Additives for Lithium-ion Battery Applications](#)

Chargers & BMS News

Grid Storage Batteries News

[Battery storage project to supply backup power to Viejas Band of Kumeyaay Indians](#)

[RWE gives green light for 220-megawatt battery storage system in North Rhine-Westphalia](#)

[Arenko to build battery at UK wind farm](#)

[Altech Chemicals designs larger 60KWh battery pack for Cerenergy sodium alumina solid state project](#)

[Corvus Energy's Blue Whale ESS successfully completes sea trials](#)



More Electric Aircraft USA 2022 (#MEAUSA) will bring together the industry's key decision makers to discuss the latest aviation trends. Join us at the event to become part of the shift and benefit from discussions on new innovations that can help you to enhance aircraft performance! View the full program agenda and expert speaker line-up here: <https://bit.ly/3LpNkid>

Thermal

Management for EV/HEV USA 2022

Automotive IQ invites you to be part of this [three-day technical conference](#), taking place in **Detroit, Michigan** between the 15 – 17 November 2022. Our research team has spoken to dozens of thermal management experts at electric vehicle manufacturing companies in Michigan and Silicon Valley to uncover their greatest **pain points, challenges and solutions** that are the need of the hour right now.



November 16-17 2022, WeAutomotive Group is organising an exceptional conference on Advanced Battery Technology Innovation for EV in Detroit, US.

Interested in speaking at the event, please contact us if you would like to talk about your Technology or sponsor/exhibit your products there, please contact us at info@we-automotive.com. To register your place please visit, www.battery-innovation-usa.com/register/



[This symposium](#) is in honor of the lifetime achievements of Prof. Rachid Yazami, recipient of the 2014 Draper Prize of the National academy of Engineering, and many other prestigious awards. The symposium will cover but not limited to reversible intercalation of lithium into graphite, ultra-fast charging of electric vehicles, enhancement of the battery' energy storage capability and lifespan.



Global Lithium & EV Battery Raw Material Supply Chain [Congress](#) November 30 - December 1, 2022

North American automotive OEMs now face a significant challenge, frequently cited as the most urgent today. **Addressing how lithium and critical battery raw materials supply will meet demand as firms race to ramp up B.E.V. manufacturing. American Business Conferences built strong connections with key engineers from major OEMs when we started a pioneering series of battery-electric vehicle technology conferences back in 2010.** In May of 2022, our Battery Electric Vehicle Architectures advisory board recommended that we convene a North American conference to explore ideas for reinventing the **lithium and rare metals supply chain and encouraging OEM collaboration with mining, extraction, investment, and battery technology/chemical firms.** OEMs, the end-users of lithium and rare metals, will map out and define their requirements at this conference in collaboration with the battery material supply chain.



[AABC USA](#) - 5-8 December 2022



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



[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>

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.

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/>



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.



[The Battery Show Europe](#) : 23-25/5/12/2023 - Join industry peers at the leading meeting place for the advanced battery and H/EV technology community, where you can meet over 500 suppliers and watch live product demonstrations. Register today for a complimentary pass. Running alongside the free-to-attend trade fair is an expert-led conference with speakers from top manufacturers. - **Messe Stuttgart, Germany.**



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.



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



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

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>

[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



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



[49th Power Sources Conference](#), TBD 2023, Sawgrass Marriott Resort, Jacksonville, FL, USA

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.

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