

Shmuel De-Leon
Energy Ltd



Shmuel De-Leon Energy - Battery Weekly Newsletter

September 30, 2022, No. 665

Sent to Battery industry members since 1/2010, [Join our mailing list](#)
[Battery Industry Upcoming updated list](#)
[Battery market reports 2022](#)

Our advertisers & sponsors



Virtual Battery Trainings

8-10/11/2022 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](#)

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](#)

Frontal Battery Training

24-25/10/2022 - 1st Europe EV & ESS Hands-On Battery Design and Production Seminar, Lustenau, Austria - [Program and registration](#)

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

[Lithium-ion battery material breaks barrier on fast charging](#)

[Ford mgmt visits LGES, SK in Korea to discuss IRA under solid battery alliance](#)

[ABB Unveils New Battery Manufacturing Methodology](#)

[Faster charging, higher safety and 30 percent more energy: GDI cracks the silicon code and is ready to scale up battery anode production – thanks to a €13M investment](#)

[Sunwoda to build another 50 GWh battery factory in China](#)

[Princeton NuEnergy \(PNE\) and Traxys North America Enter MOA to Strengthen Battery Sustainability](#)

[ElevenEs produces a prototype of the largest LFP battery cell in Europe](#)

[Gotion Might Build EV Battery Plant In Michigan](#)

[Vingroup to build \\$255-mln battery plant](#)

[China's Azure Sets Up First Overseas Battery Plant in Malaysia](#)

[Battery Maker Announces \\$40 Million North Carolina Plant](#)

[Chinese EV battery makers are aggressively expanding production in Europe](#)

[Sakuu Partners with NGK for Material Supply to Advance 3D Printed Solid-State Battery Line](#)



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](#).

[Chinese battery parts maker plans \\$3.6B plant, 2,000 jobs near Big Rapids](#)

[China's Eve Energy to Supply Power Batteries to Heavy-Duty Truck Firm Dayun Auto](#)

[LG Energy Solution to Mass-produce Cell-to-pack Batteries from 2025](#)

[CATL Unveils Module to Bracket Battery Technology for Heavy Trucks](#)

[Xos and ShipX Announce Partnership to Accelerate the Adoption of Battery-Electric Vehicles](#)

[Kreisel Electric to Expand Battery Production Capacities to Over 2 GWh](#)

[Imperium3NY Battery Factory Begins Commercial Production](#)

[Deere bets on battery technology](#)

[World's First Automated Lithium Metal Battery Production Line in Operation!](#)

[Next-generation electric vehicle battery technology passes safety tests](#)

Battery Materials news

[Norway's Vianode invests \\$194 in battery materials plant](#)

[Volkswagen teams up with Umicore on battery materials](#)

[Battery recycler Li-Cycle to make \\$485 million investment in Rochester; create 220 jobs](#)

[Grip Invest to invest \\$100 million in funding battery recycling firms](#)

[Umicore Inaugurates Europe's First Battery Materials Gigafactory](#)

A promotional banner for NEI Corporation. On the left, the NEI logo is displayed with the text 'NEI Corporation' and 'Celebrating 25 Years!' below it. A large blue arrow points from the logo towards the right. The main part of the banner is yellow and contains the text 'Li-ion & Na-ion Electrode Sheets' in bold black font, followed by 'Your Choice of Standard or Custom Specs' in a smaller black font. On the far right, there is a small image of a battery electrode sheet.

[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/>

[US Energy Department sets US\\$11 million solid-state EV battery research hub to explore ceramic ions as lithium alternative](#)

[SK Group head Chey strives to secure Zambian copper for battery foil](#)

[Battery cathode plant coup for Darwin](#)

[Electra Battery Materials and LG Energy Solution Sign Three-year Cobalt Supply Agreement](#)

[RecycliCo Battery Materials Demonstration Plant Testing Achieves Over 99% Leach Extraction of Lithium, Nickel, Cobalt, and Manganese from Lithium-ion Battery Production Scrap](#)

Chargers & BMS News

[SAIC Motor announces incorporation of battery swapping joint venture](#)

[China's CATL, a Tesla supplier, considers expanding battery swapping business overseas](#)

[NXP collaborates with Elektrobit to develop software for next-generation automotive battery management systems](#)

Grid Storage Batteries News

[CATL and FlexGen Sign 10GWh Multi-Year Battery Energy Storage System Supply Agreement](#)

[EnerSys : introduces new PowerSafe® iON lithium-ion battery solutions to improve backup power resiliency for cable broadband networks](#)

[Trina Storage enters the US market with its New Utility Scale Battery System Elementa](#)



[The 6th World Energy Storage Day](#)- Global Conference and virtual Expo (GCE), which will be held on 22 September 2022. WESD is a global movement initiated by various apex trade bodies working to promote and adopt energy storage, e-mobility & green hydrogen technologies for a sustainable future. This event is one of the largest open global event in this domain. The program highlights include: Country roundtable, Technology workshop, Partner seminar, Virtual tour, Start-up pitch, Product launch, Networking lounge, Virtual expo, Media corner

7th International Conference

BMS & Battery Technologies

For EV/HEV 

Automotive IQ's International Conference on [BMS & Battery Technologies for EV/HEV](#) (27 – 29 September 2022) event returns to Berlin after three years, as we move through what the industry is calling the ‘**second wave**’ and ‘**the hottest period**’ for batteries and BMS, in spite of **constrained supply chains** and **increasing high battery, material and commodities costs**.



The 12th Battery Safety Summit 2022 - October 17-19, 2022



[Batteries Event 2022](#) will take place in Lyon, France, 18-22/10/2022. 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



3rd Future Battery Forum

Nov 3 - 4, 2022 // ECC Berlin + Online

3rd Future Battery Forum, Nov. 3-4, 2022

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 - on-site in Berlin and online. The founding partners of the event are Panasonic, RockTech Lithium, VARTA and Wacker Neuson.

- Topic: " Next level: Establishing the battery society"
 - Date: 03 - 04.11.2022
 - Location: Estrel Convention Center, Berlin, Germany
 - Target groups: users, battery systems & cell manufacturers and their suppliers
 - Hybrid conference: 500+ people on site and 2,000+ virtually
 - [Floorplan](#)
 - Details: www.futurebattery.eu
-



The **BEVA Europe Congress** explores the future of battery technology. You'll learn how to improve vehicle architecture, and discover how to make improvements by reducing the amount of the expensive metal (cobalt) used in the production of lithium-ion batteries. [LBCG - Home \(beva-europe.com\)](http://www.beva-europe.com)



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.



[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



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>

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 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](#) - A major exhibition and conference for the advanced battery industry launches on 28th-29th, June, 2023 at the NAEC Stoneleigh, Warwickshire UK. This international showcase of manufacturers, users and the entire supply chain working to increase battery performance, cost and safety will gather in the heart of UK manufacturing.



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>



[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.

Shmuel De Leon Energy

10 Mazal-Arie Street, Hod-Hasharon, Israel 45309 972-77-5010792

www.sdle.co.il shmuel@sdle.co.il

Copyright © 2022 Shmuel De-Leon Energy. Ltd, All rights reserved.