



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

October 7, 2022, No. 666

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[Battery Industry Upcoming updated list](#)  
[Battery market reports 2022](#)

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### ***Our advertisers & sponsors***



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### ***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***

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](#)

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### ***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***

[LiNa signs MoU with Social Alpha to accelerate development of its sodium batteries for Indian Market](#)

[SUSTEC project develops sustainable 3D printed sodium batteries](#)

[Eve Energy Plans to Spend USD1.6 Billion to Expand Capacity, Invest in Battery Raw Material Firms](#)

[Volvo Trucks unveils new fully electric axle for extended range](#)

[Eaton develops plastic parts for batteries as it expands EV business](#)

[UT Austin research could result in EV batteries charging faster, lasting longer](#)

[NSTL to develop new lithium-ion battery technology for submarines](#)



**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](#).

[American Manganese Changes Name to RecycLiCo Battery Materials Inc.](#)

[Long-Duration Battery Startup Form Energy Raises \\$450 Million](#)

[AllBright powers up Chinese oil giants' EV battery joint venture](#)

[Battery Factory Freyr Will Collaborate with UiT – the Arctic University of Norway](#)

[CATL Plans \\$1.9 Billion Battery Project in China's Luoyang City](#)

[Eye on Lithium: Volkswagen solidifies European battery supply chain with Umicore JV](#)

[New Lithium-Ion Battery Recycling Facility to Produce Critical Materials for North American Battery Supply Chain](#)

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

[S. Korean plastic film maker wins US\\$1 bln battery material supply deal for LG-GM joint venture](#)

[SK ecoplant ties up with China's CNGR to tap Europe's waste battery recycling market](#)

[GM partners, invests in OneD Battery Sciences in quest for cheap, energy-dense EV batteries](#)

[Applied Minerals, Inc. Receives Grant to Continue the Development of Halloysite-Derived Silicon for Use in Lithium-Ion Batteries](#)

[POSi Energy - Silicon Power Announces Breakthrough in Anode Development for Lithium-ion Batteries](#)

[Volt Resources advances battery materials businesses with advisory appointment and technical partner developments](#)

[OSCiAl, Genius graphene nanotubes advance EV battery pack properties](#)

[6K Energy and ONE Sign a Strategic Joint Development Agreement to Produce Critical Battery Materials for Gemini and Aries Batteries](#)



[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/>

[Solvay Eyes PPA Resin Capacity Expansion at US Site](#)

[Global Lithium inks MOU with major Korean battery maker SK On](#)

[Daejin invests \\$10.2M in Tennessee EV battery component plant](#)

[Lotte Chemical proceeds with buyout of world's No. 4 copper foil producer Iljin Materials](#)

[China's GEM to Invest CNY13 Billion in Nickel Processing, Battery Recycling Project](#)

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

[Hero MotoCorp's first electric scooter to use swappable batteries](#)

[Indian EV battery-swapping network eyes \\$50m in funding](#)

[Battery-swapping SPAC Gogoro secures \\$345M loan](#)

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

[US\\$100 million financing raised by mobile battery storage manufacturer Moxion](#)

[Australian zinc bromide batteries start rolling off production line in Sydney](#)

[California utility claims biggest flow battery deal in the world](#)

[Alpine Power Systems Acquires Evergreen Industrial Batteries](#)

[Zinc bromide battery production begins in Australia using legacy lead-acid production know-how](#)

[CellCube in 8MWh flow battery pilot to target Australia's C&I market prospects](#)



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



3<sup>rd</sup> 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](http://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://LBCG - Home (beva-europe.com))

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**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>

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## 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.

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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](mailto:info@we-automotive.com). To register your place please visit, [www.battery-innovation-usa.com/register/](http://www.battery-innovation-usa.com/register/)

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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.

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AABC USA - 5-8 December 2022

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

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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>

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## **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

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**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/>

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[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.

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[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.**

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AABC Europe - 19-22 June 2023

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[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.

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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](http://www.fenibat.com) – [fenibat@fenibat.com](mailto:fenibat@fenibat.com) - +55 43 999 37 49 11

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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

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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 **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>

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[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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