



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

September 23, 2022, No. 664

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***

27-29/9/2022 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***

[Alternative battery chemistries and diversifying clean energy supply chains](#)

[Solvay launches pilot plant for solid-state batteries](#)

[Setting up Battery Manufacturing Plant in India will be game changer for EV Industry](#)

[ABB launches new battery manufacturing methodology to increase speed to market for new plants](#)

[AMPRIUS TECHNOLOGIES, INC. MERGES WITH KENSINGTON CAPITAL ACQUISITION CORP. IV TO POWER THE FUTURE OF](#)

## ELECTRIC MOBILITY

[Littelfuse launches Energy Storage Rack series of battery protection fuses](#)

[BYD's Three Battery Projects in Guangxi Surpass Production Capacity of 60GWh](#)

[Munters opens new factory to meet demand from battery producers](#)

[Start-up Adden Energy Develops EV Battery that Charges in 3 Minutes, Lasts 20 Years](#)



**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](#).

[Lear Corp. to Supply GM with Electrification Tech for Ultium Battery Platform](#)

[Manz, Grob-Werke and Dürr to build battery plants together](#)

[Tesla Halts Battery Production Plans in Germany as it Seeks U.S. Tax Credits](#)

[Imec Spin-off SOLiTHOR Develops Disruptive Lithium Solid-state Battery Technology](#)

[American Battery Solutions Acquires Tiveni's Entire Battery Systems IP Portfolio](#)

[cerenergy® – ceramic solid-state battery is commercialized](#)

[FREYR Battery Selects Mpac Group to Deliver Cell Manufacturing Equipment for Giga Arctic](#)

## ***Battery Materials news***

[Hyundai Motor bets on battery recycling business](#)

[Veolia expands battery recycling hubs: 'This is only the beginning'](#)

[MITRA CHEM ANNOUNCES SHIPMENT OF FIRST LAB TESTED AND APPROVED U.S. MADE LITHIUM IRON PHOSPHATE \("LFP"\) CATHODE SAMPLES TO TIER 1 GLOBAL BATTERY CELL MANUFACTURER](#)

[U.S. STRATEGIC METALS ANNOUNCES WHOLLY DOMESTIC PRODUCTION OF CRITICAL MINERALS FOR ELECTRIC VEHICLE BATTERIES](#)

[Fortum to start battery recycling operations in Germany](#)



[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/>

[International Graphite onto first product at WA pilot plant](#)

[Partnership boosts Redwood's e-scrap collection efforts](#)

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

[Volvo parent Geely reveals 600kW EV charging technology](#)

[The Swappable Batteries Motorcycle Consortium \(SBMC\) has Grown from 4 to 21 Members](#)

[ABB E-Mobility announces EV charger production in the U.S.](#)

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

[Borrego Signs Agreement with Gotion High-Tech to Supply Energy Storage Equipment for Utility-Scale Projects](#)

[Advanced Battery Concepts Launches Batteries For Long Duration Storage, a Vital Solution To Critical Energy Demand](#)

[BatteryLoop Received a Combined Order of Approaching 10 Megawatt of Their Energy Storage Systems, to Give Mercedes Batteries A Second Life](#)

## [LG Home Battery Recall A Hot Mess?](#)



[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

---

7<sup>th</sup> 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



### 3<sup>rd</sup> Future Battery Forum

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

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

---



2023  
3.15(WED) - 17(FRI)  
COEX, SEOUL, KOREA

**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](http://www.fenibat.com) – [fenibat@fenibat.com](mailto: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](http://www.sdle.co.il) [shmuel@sdle.co.il](mailto:shmuel@sdle.co.il)

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