



Shmuel De-Leon Energy - Battery Weekly Newsletter

April 2, 2021, No. 587

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Virtual Battery Trainings

30/3/2021 Virtual Battery Safety Seminar – Early Warning (4 hours - 2 parts of 2 hours each) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

12-15/4/2021 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](#)

26-29/4/2021 Battery Seminar - Virtual (8 hours - 4 parts of 2 hours each) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

Frontal Battery Training

5/7/2021 Battery Safety Workshop as part of Battery Cells & Systems Expo, Coventry, UK [Program](#)

5/10/2021 Battery Safety tutorial as part of Battery Expert Forum, Frankfurt, Germany [Program](#)

Special Offers

[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](#)

Shmuel De-Leon Energy start to sell new High Energy Density Li-ion pouch cells with 330Wh/kg, 10Ah, 4.48V charging voltage, max discharge current 0.4C, 150 cycles - Purchasing the cells require to sign an NDA with the cell maker. Contact us for more details shmuel@sdle.co.il

Batteries and Super Capacitors news

[BAK Battery Unveils First Chinese 4680 Battery Cells](#)

[Varta and Pierer to develop battery systems for e-bikes](#)

[Paragon to offer batteries for EVs](#)

[CIC energiGUNE: lithium-ion capacitors, virtue lies in balance](#)

[IKERLAN leads the European LIBERTY project to develop batteries with 500 km of autonomy](#)

[Altair International Corp. Announces Acquisition of Lithium Battery Technology](#)

[RELiON Battery announces newest product in superior Insight Series™ product line](#)

[Scientists finds new inroads in fast charging for lithium-ion batteries](#)

[ASPiLSAN Enerji Will End Foreign Dependence with Li-Ion Battery Production](#)

[Samsung SDI to invest nearly \\$1 billion in its EV battery plant in Hungary](#)

[TCC to invest \\$350 million in new gigafactory in Taiwan](#)

[US to reportedly subsidize domestic production of battery cells](#)

[Exide Technologies goes live with on-site solar installation and battery storage at Portuguese factory](#)

[Fully printed rechargeable batteries for printed sensors](#)

[Keysight Technologies' battery test solution selected by National Testing Center in China](#)

[LG demands 'reasonable' compensation from SK in battery row settlement](#)

[German government awarding €14.5M to AgiloBat2; agile production systems for batteries](#)

[REL, NASA, European researchers reveal path to safer lithium-ion batteries](#)

[Twaice improves development with battery model library](#)

[Thorpe Bay: Scooter battery overheats and causes house fire](#)

[Equinor, Hydro & Panasonic Scouting for Battery Plant Location](#)

Raw & Battery Materials news

[China's Eve Energy, Dynanonic to Spend up to USD310 Million to Boost Battery Material Output](#)

[Gotion to construct battery recycling plant in Hefei](#)

[American Manganese inks MoU with Italvolt for lithium-ion battery recycling project](#)

[SungEel MCC Americas won't pursue battery recycling facility in Endicott](#)

[Significant results in long-term cycling ability and mechanical durability with NEO battery's 100% silicon anode materials](#)



[NEI Corporation](#) offers a variety of commercial and custom produced electrolyte materials for all solid state batteries. Come see what we have to offer!

[American Battery Metals Corporation Provides Update on its Lithium-Ion Battery Recycling Pilot Plant](#)

[Altech kick-starts PFS for German battery plant](#)

[SK IE to invest \\$1 bn to expand in Poland, become No. 1 separator maker by 2024](#)

[China's CATL to buy lithium-ion battery cathode material from Yibin Libaode](#)

Chargers & BMS News

[NIO completes 2 million battery swaps](#)

[GM Partners With Visteon To Develop Ultium Wireless Battery Management System](#)

Grid Energy Storage News

[SA to get a new kind of power plant, which combines wind, solar and batteries](#)

[AGL pushes ahead with plans for 200 MW big battery but hurdles loom](#)

[Nexcharge: India's first grid connected Li-ion battery-based community energy storage system inaugurated in Delhi](#)



The Battery Technology Show & Future of Electric & Hybrid Vehicles, 13 April 2021

Co-located with WCX in Detroit, The Battery Technology Show brings together thousands of delegates to discover the latest developments. The event's two conference tracks will also allow visitors to hear from some of the leading companies and individuals shaping the forthcoming revolution.

www.batterytechnologyusa.com



[The Battery Show Europe](#) : 18-20/05/2021 - Join industry peers over three days at The Battery Show & EV Tech Europe Digital Days. You can expect a virtual event filled with technical sessions, panels, workshops, networking opportunities and digital sourcing – all through an easy-to-use virtual platform. Take an educational deep dive into a conference program with some of the best and brightest minds across the advanced battery and H/EV supply chain. - **Virtual Event**



[The 14th China International Battery Fair](#) (CIBF2020), organized by China Industrial Association of Power Sources, was originally planned to be held in Shenzhen Convention & Exhibition Center from May 25 to 27, 2021. 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 March 19-21, 2021, and the exhibition venue, booth number and area of exhibitors will remain unchanged.



[InterBattery](#) is Korea's leading battery exhibition showcasing various new products and technologies related to battery industry. InterBattery 2021 has now served itself as an exclusive business platform showing battery industry's forthcoming prospects since its first launch in 2013. Discover Your Opportunity by Broadening Your Perspective and Relationship at InterBattery 2021!



The re-scheduled **11th International Conference on Lead-Acid Batteries, LABAT'2021**, will be a **VIRTUAL** event to be held **8-11 June 2021**. LABAT is a globally recognized scientific forum gathering leading battery experts, technologists and academic researchers from all over the world. LABAT'2020 technical sessions will once again offer an insight into the latest research achievements and development trends in the field of lead-acid battery manufacture, operation and recycling, while the exhibition fair will present a perfect opportunity to showcase your new products and services.



The 9th World Hydrogen Technologies Convention "Digital Edition" joins two important worlds: innovative scientific research & international business markets. Together with f-cell+HFC, the convention offers plenaries, seminars, technical sessions, e-posters, and an international Networking Hub. #whtc2021 Register now! www.whtc2021.org



Following the success of the 1st and 2nd event editions, [ACI's European Electric Vehicle Batteries Summit](#) will be taking place in Rotterdam, the Netherlands on 23rd – 24th June 2021. It will bring together industry leaders from major car manufacturers, off high road vehicle manufacturers & battery producers. Don't miss out on this excellent networking opportunity.
. Agenda [Here](#)



Conference info: Lithium-sulfur batteries are the most promising choice for future energy storage systems. The International Conference on Lithium-Sulfur Batteries (ICLSB) from June 28 till July 1, 2021 is providing the platform for renowned experts from science and industry to present the latest results, new materials, processes and applications in the field of lithium-sulfur batteries.

Conference website is: <https://www.iws.fraunhofer.de/en/events/lithium-sulfur-conference.html>



Battery Safety Summit 2021 - Virtual - June 29-30/2021



[Battery Cells & System Expo 2021](#) - A major exhibition and conference for the advanced battery industry launches on 7th-8th, July, 2021 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.



Energy Storage North America & Intersolar North America | July 14-16,

2021

The premier solar + storage events come together for the first time in Long Beach, CA—connecting installers, developers, utilities, technology providers, policy makers, and key stakeholders from around the world to advance the clean energy future. Learn more: <https://www.esnaexpo.com/sdl/>.



[Solid State Battery Summit 2021](#) - Virtual - June 29-30/2021



Shmuel De-Leon Energy and Hans-Schive will organize the 4th Oslo Battery Days Conference in Oslo, Norway, 23-24/8/2021



[The Battery Show](#) - September 14-16, 2021 Headline: Ready to Inspire the Next Great Battery Application? Now in its 10th year, The Battery Show 2021 is North America's largest and most comprehensive annual trade show event for the advanced battery manufacturing industry representing the entire supply chain from raw materials through end-of-life battery recycling. Combined with the Electric & Hybrid Vehicle Technology Expo, this two-in-one event gives you a complete end-to-end view across the entire battery supply chain.

[Electric & Hybrid Vehicle Technology Expo](#) - Headline: Join the Auto Revolution at the EVT Show. Each year, engineers, innovators, and thought leaders converge in Novi, Michigan, for a conference and expo dedicated to the fast-moving EV and HEV drive train and power system industries. Combined with The Battery Show, this two-in-one event offers the latest in electric motors, cooling, converters, and charging as well as an end-to-end view across the complete battery supply chain.



The annual event for Hydrogen and Fuel Cell experts provides an extensive overview of markets and technological advancements. The interactive format of plenaries, sessions and international trade fair offers an ideal platform to connect, discuss and create new business relationships. www.f-cell.de



26th International Congress for Battery Recycling [ICBR 2021](#)
September 22 – 24, 2021, Geneva, Switzerland

ICBR 2021 is the international platform for reviewing the challenges faced by the Battery Recycling Industry on a global basis. ICBR will bring together the international community of experts and decision makers of the entire Battery Recycling value chain, including battery recyclers and producers, collection organizations, OEM's, policymakers, materials and services providers and many more.



[Batteries Event](#) 2021 will take place in Lyon, France, 28/9-1/10/2021.



September 29th - October 1st, 2021 - Rechargeable batteries attract attention year after year in the fields of automobile/housing/business applications and mobile applications. [BATTERY JAPAN 2021](#) is the world's largest* exhibition specialised in manufacturing and R&D of rechargeable batteries. All kinds of materials, manufacturing technologies, inspection/analysis equipment, and battery itself will gather from around the world. Exhibit & Visit the show to expand your business in Japan and Asia! (*"Largest" in reference to the met exhibit space of trade shows with the same concept.)



BATTERY CONFERENCE AND EXHIBITION

The Battery Experts Forum 5/10-7/10/2021 is the most important event for battery technology. The event takes place annually at Forum Messe Frankfurt. Over 100 experts from the leading battery manufacturers and

users provide information on the newest trends, product developments and solutions. The event will be accompanied by a specialized exhibition with more than 160 exhibitors, who are among the most important companies in the entire battery supply chain. www.battery-experts-forum.com



R-Zinc 2.0: Zinc Battery Meeting - 5-6 October 2021 in Brussels, Belgium, [R-Zinc](http://www.r-zinc.com/) is a two-days event that will cover the progress of zinc-based rechargeable battery technologies in Europe and around the world. Used in primary batteries for decades, zinc is now considered as one of the most promising technologies for the fast-growing energy storage market. Abundant, inexpensive, non-toxic, safe and recyclable, it has all the qualities required to succeed in the rechargeable world and contribute to the reduction of global GHG emissions. Our conference offers a unique chance to attend battery tutorials, battery demos, a plant visit and high-level presentations to understand the challenges and opportunities unveiled by this emerging market - Visit our website at <https://www.r-zinc.com/>.



The Battery Technology Show, 26-27 October 2021
The leading event for battery and EV innovation in the UK, now in its third year attracting companies from around the world. Our two conference tracks - The Future of Battery Technology and The Future of Hybrid & EV - allow delegates to hear from the leading protagonists in battery technology in the heart of the UK's automotive and manufacturing base.
www.batterytechnologyshow.com



2nd Future Battery Forum 2021, 15.-16. November 2021, ESTREL CONGRESS CENTER, Berlin: www.futurebattery.eu
"BATTERY EUROPE: MANAGING GROWTH AND ESTABLISHING LOCAL VALUE CHAINS"
The **management conference** brings together the entire value system of **battery technologies**: around **900 users, battery system & cell manufacturers** and **their suppliers** will spend two days exchanging information at this **event**, making new contacts and discussing how the industrial ramp-up with a **high market share of battery-driven solutions** in

Europe can be achieved.

OFFICIAL LANGUAGES: German & English - live translation provided



[eMove360 battery conference - Messe Munich, Germany 16-18/11/2021](#)



[The 5th FENIBAT](#) will gather in Londrina, Paraná, Brazil, from November 17 to 19, 2021, the Brazilian and Latin American battery and lead recycling industry with its international suppliers through its Expo and Conference. The FENIBAT public includes not only industrialists, high management and investors but also middle-managers, supervisors and technicians of Administration, Purchasing, Production, Maintenance, Projects and Product Development, Quality Control, Laboratories, Metrology, Work Health and Safety, Environment, etc.; In this issue, we will also have, as part of FENIBAT, the 1st FENILITIO, a part, in the Exhibition and Conference, dedicated to new battery chemistries that are under development.



[The Battery Show Europe](#) : 30/11-2/12/2021 - 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. - **On Line Event**



AABC USA - 7-9 December 2021



March 16-18, 2022 - Rechargeable batteries attract attention year after year in the fields of automobile/housing/business applications and mobile

applications. [BATTERY JAPAN 2022](#) is the world's largest* exhibition specialised in manufacturing and R&D of rechargeable batteries. All kinds of materials, manufacturing technologies, inspection/analysis equipment, and battery itself will gather from around the world. Exhibit & Visit the show to expand your business in Japan and Asia!

(*"Largest" in reference to the met exhibit space of trade shows with the same concept.)



International battery seminar & exhibit 2022 - March 28-31/2022

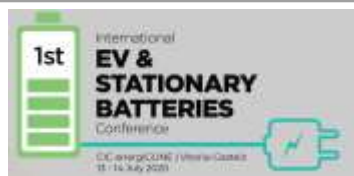


AABC Europe - 13-15 June 2022



[49th Power Sources Conference](#), 20-23 June 2022, 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.



[1st EV & Stationary Battery Conference](#), Vitoria, Spain 2022 Dates TBD -

Shmuel De-Leon Energy and CIC energiGUNE decided to organize yearly battery conference that will be a place to discuss and provide a platform for technological innovations and business opportunities in Spain and abroad. The conference will discuss the latest advances and innovation in Electric Vehicle's & Stationary batteries.

Shmuel De Leon Energy

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