



Shmuel De-Leon Energy - Battery Weekly Newsletter

March 12, 2021, No. 584

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Virtual Battery Trainings

23-25/3/2021 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](#)

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](#)

6-8/4/2021 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](#)

Frontal Battery Training

18/5/2021 Battery Safety tutorial as part of The Battery Show Europe 2021,
Stuttgart, Germany [Program](#)

23-24/6/2021 Battery Seminar, Le Bourget Du Lac, France [Program](#)

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

[Northvolt Acquires Battery Innovator Cuberg](#)

[FREYR Receives Government Low-Emission Grant from ENOVA to Support Development of Initial Clean Battery Cell Production Facility](#)

[Rivian planning to manufacture solid-state batteries](#)

[GM evaluating second U.S. battery plant for EVs amid construction of \\$2.3 billion facility in Ohio](#)

[Nio says chip, battery shortages will limit production through June](#)

[Printed batteries: Ynvisible, Evonik and Epishine showcase a self-powered smart signage solution](#)

[Tecate Group expands product offering of hybrid lithium-ion 3.8 Volt capacitors](#)

[Emera Technologies and Novonix Partner on Innovative Battery Technology](#)

[SEAT, Iberdrola join forces in Barcelona EV battery manufacturing bid](#)

[Magnis Energy Technologies hires battery experts to lead production at NY battery](#)

[plant](#)

[Australia's first lithium-ion battery production facility to open this year](#)

[Williams Advanced Engineering partners with Fortescue Metals Group to develop battery electric haul truck](#)

[Vinfast and ProLogium launching JV to build solid-state EV battery pack in Vietnam](#)

[Magna's all-new connected PHEV drivetrain and next gen battery electric drive systems](#)

[Rosatom subsidiary acquires 49% stake in Korean power storage company](#)

[USITC confirms SK stole 22 trade secrets for EV batteries from LG](#)

[Magnis Energy \(ASX:MNS\) reveals team to lead NY Battery Plant to production](#)

[Microvast reveals plans for US lithium-ion battery plant to meet EV demand](#)

Raw & Battery Materials news

[Taiheiyo Cement develops material for lithium-ion batteries](#)

[The World Will Need Enough Graphite for 125 Million Electric Vehicles](#)

[Mason Graphite Li-ion anode material reaches key performance milestone](#)

[Chile's SQM plans to propose major lithium hydroxide expansion, CEO says](#)

[HPQ is well-funded to advance its silicon and nano-silicon materials initiatives in both batteries & hydrogen](#)



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

[New facility at University of Birmingham accelerates battery recycling research](#)

[South Africa urged to play to strengths as it plots role in lithium-ion battery value chain](#)

[Neometals JV partners with Itochu for battery recycling](#)

[Ganfeng joins China Minmetals lithium salt lake project for \\$225 mln](#)

[Battery grade lithium prices in China surge 68%](#)

[Altech Chemicals generates 'encouraging' results in first battery performance tests using HPA coating technology](#)

Chargers & BMS News

[Startup Ample Is Working on 10-Minute Battery Swapping for Electric Vehicles](#)

Grid Energy Storage News

[China's Envision builds battery plant in Erdos](#)

[Kellogg VPPA for Wind Plus Storage to Create One of the Largest Battery Storage Facilities in the World](#)

[Latest development on China's largest battery energy storage project](#)



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 **BAT**TERY SHOW
EUROPE



electric
& hybrid
vehicle technology expo

europa

[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 11th International Conference on Lead-Acid Batteries LABAT'2021 will be held 8-11 June 2021 in the magnificent Golden Sands resort on the Bulgarian Black Sea coast (www.labatscience.com). LABAT is a globally recognized scientific forum gathering leading battery experts, technologists and academic researchers from all over the world. LABAT'2021 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.



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/>.



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.



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.



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 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



Future Battery Forum
Berlin 2021

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 **450 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*



[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 **BAT+TERRY** SHOW
EUROPE



europa

[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



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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