



Shmuel De-Leon Energy - Battery Weekly Newsletter

October 8, 2021, No. 614

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Virtual Battery Trainings

22-23/10/2021 Li-Ion Cells Manufacturing Virtual Seminar (6 hours - 2 parts of 3 hours each) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

25-27/10/2021 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](#)

8-10/11/2021 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](#)

Frontal Battery Training

Special Offers

Shmuel De-Leon Energy support customer to solve Li-Ion cells supply problems via our Far East cell suppliers - Join our cells purchasing group customers and get a weekly update with cells offer and allocations we have. 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](#)

Batteries and Super Capacitors news

[SKC considers inking JV with Nexeon, AMAT](#)

[Tesla \(TSLA\) secures massive order of 2 GW/6 GWh of Megapack batteries from Arevon](#)

[Samsung SDI Batteries to Power Rolls-Royce's First Electric Vehicle Model](#)

[Toyota Will Invest \\$13.5 Billion in Solid-State Batteries](#)

[Omega Seiki joins hands with Exicom Tele-systems for lithium-ion batteries](#)

[Nano One signs agreement to develop manganese rich batteries](#)

[GM building giant battery lab](#)

[Electrovaya Announces Increased Battery Capacities and New UL Listings](#)

[Plans approved for Envision AESC's Wearside electric vehicle battery plant](#)

[SK Innovation Names Its Battery Subsidiary 'SK on'](#)

[Husqvarna's new battery-powered chainsaw range](#)

[Li-S Energy CEO Dr Lee Finniear on the disruptive battery tech allowing EVs to drive](#)

[further, for longer](#)

[LG Chem Finds the Solution to its Chevrolet Bolt EV Battery Problems](#)

[KULR Technology Receives Authorization for Expanded Battery Coverage to its Existing Department of Transportation Special Permit](#)

[Turkish carmaker, Chinese battery manufacturer start venture for clean energy](#)

[Ola Electric Raises \\$200 Million For Battery-Powered Motorcycles, Cars](#)

Battery Materials news

[CATL to Acquire Canada's Millennial Lithium in \\$297 Million Deal](#)

[American Manganese Successfully Upcycles EV Battery Black Mass into NMC-811 Cathode Precursor](#)

[POSCO breaks ground on battery recycling plant](#)

[New HIU lithium-metal battery boasts 560 Wh/kg specific energy](#)

[CBMM | Niobium promotes international event about new battery technologies](#)

[Evonik Tackles High-Voltage Battery Demand in EVs](#)

[Janus Graphene: Enhancing Electrode Production for Sodium Batteries](#)

[Albemarle to expand lithium production capabilities with \\$230M acquisition of Guangxi Tianyuan New Energy Materials](#)

[BHP delivers first EV battery raw material nickel sulphate crystals from Kwinana](#)

[Nano One and Euro Manganese to Co-Develop Applications for High-Purity Manganese in Lithium-Ion Battery Cathode Materials](#)

Cell Fabrication & Testing Services for Lithium Batteries Coin & Pouch Cell Fabrication Half & Full Cell Testing	 NEI NEI Corporation Learn More
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[NEI Corporation](#) offers cost-effective & comprehensive battery services, including materials characterization, cell fabrication, and electrochemical testing. Request a quote today. Learn More:

<https://www.neicorporation.com/services/battery-rd/battery-testing/>

[Foxconn to develop anode materials of EV LFP batteries](#)

[Retriev Technologies Combines with Heritage Battery Recycling, Creating the Largest Lithium-Ion Battery Recycler in North America](#)

[BMW invests in lithium technology startup Lilac Solutions](#)

[Battery Ventures Acquires Specialty Materials Supplier Goodfellow](#)

[Infinity Lithium tests on-track to produce battery-grade lithium in Europe by year-end](#)

[BASF battery sales to grow to Eur7 billion by 2030: director](#)

[Asian firms partner to increase China's lithium-ion separator output to 1Bsqm](#)

Chargers & BMS News

[KYMCO to increase e-scooter battery swap stations to 1,000 by year-end](#)

[Chinese battery swapping service provider Aulton nabs 1.5 billion yuan in Series B funding](#)

[China: NIO Reports 4 Millionth EV Battery Swap](#)

Grid Energy Storage News

[ESS and SB Energy Sign Agreement to Deploy Two Gigawatt-Hours of Long-Duration Storage](#)

[Enphase Energy and Sunpro Solar Expand Partnership to Include Battery Storage](#)

[Conrad Energy signs 104MWh battery energy storage order with GE Renewable Energy](#)

[Tesla Megapack Battery Purchase to Increase California's Grid Reliability for Industry](#)

[BASF switches on 5.8MWh NGK sodium-sulfur battery storage system in Belgium](#)

[ESB to develop new battery units for power storage](#)



www.batterytechexpo.co.uk The Battery Tech Expo UK runs 12th October 2021

at Silverstone a major UK hub of the high tech industrial sector and will bring together professionals from across the advanced battery technology industry. The event will provide a unique opportunity to showcase the latest products, technologies and services covering the Battery Management Systems, EV Battery, Battery Storage, Battery Development/ Discovery, Commercial and Mobile Power Device sectors



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. October 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



International EV Batteries 2021: Cost-Effective Engineering for Hybrid and Electric Vehicles, London, United Kingdom, 9-10 November 2021

www.imeche.org/evbatteries

International EV Batteries 2021 will continue the discussion around the latest developments in battery design, testing, thermal management, charging and integration right across the lifecycle for a more resilient and cost-effective battery. Join this two-day conference to network with a variety of industry

experts from pioneering battery and vehicle manufacturers to testing and safety specialists.



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

8th Int'l Rechargeable Battery Expo Osaka

BATTERY OSAKA

[Battery Osaka](#) A sister show of BATTERY JAPAN, which is the world's largest exhibition for rechargeable batteries manufacturing and R&D, held in Osaka from Nov. 17 (Wed) - 19 (Fri), 2021. "Remote Exhibiting Plan" is available for overseas companies. Exhibit from your office & expand your business largely in Japan & APAC!

THE **BATTERY** SHOW
EUROPE



[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



**ENERGY
STORAGE
NORTH AMERICA**



Energy Storage North America and Intersolar North America will come together in person January 13-15 in Long Beach, CA to advance the clean energy future. The combined event will connect installers, developers, utilities, technology providers, policy makers, and key stakeholders through innovative programs, networking events, and exhibits that maximize learning and facilitate business.

Secure discounted rates for [Intersolar North America and Energy Storage North](#)

[America](#), taking place January 13-15, 2022 in Long Beach, CA. The in-person event will bring solar + storage professionals together to advance clean energy. **Get 20% off a full conference pass or free expo hall access here:**
<https://bit.ly/3kMkNYx>



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



The Battery Technology Show, 5-7 April 2022, TCF Centre, Detroit, USA, Innovation in battery technology is moving at an incredible pace, with applications across every aspect of our lives, whether automotive, aerospace, manufacturing or consumer technology. 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.
<https://batterytechnologyusa.com/home>



BATTERY CONFERENCE AND EXHIBITION

The Battery Experts Forum 3-5/5/2022 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



The 5th FENIBAT will gather in Londrina, Paraná, Brazil, from May 22 to 24, 2022, 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.



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 8th – 9th June 2022. 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](#)



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.



[Battery Cells & System Expo 2022](#) - A major exhibition and conference for the advanced battery industry launches on 29th-30th, June, 2022 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.



Hans H. Schive from Asker, Norway together with Shmuel De-Leon Energy will organize the [4th Oslo Battery Days conference](#) in Oslo, Norway, August 22-23, 2022.

THE BATTERY SHOW NORTH AMERICA

The Battery Show - September 12-15, 2022 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.



[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.



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 March 17-29, 2023, and the exhibition venue, booth number and area of exhibitors will remain unchanged.

Shmuel De Leon Energy

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

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



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.)



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/>.



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europe

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[Batteries Event 2022](#) will take place in Lyon, France, 19-22/10/2022. The Batteries Event will cover all aspects of the circular economy value chain, starting from the production of the battery through raw materials, cell manufacturing, use and safety, management and applications, going through market trends, research and development, new technologies and finally closing the loop with a focus on recycling, second life and regulations. International battery industry key players such as OEM, cell and pack manufacturers, end users, experts, researchers and recyclers will come together to discuss and exchange on new chemistries, manufacturing process, battery components, battery second life, recycling, regulation, future expectations and innovations. 3 days to inspire, learn, understand, inform and share. Our objective is to bring together at least 300 people from across the industry (researchers, raw material suppliers, components, manufacturers, consultants, intellectuals ...). We plan +60 selected speakers, thematic

conferences and workshops, 25 to 30 exhibitors, quality networking moments and friendliness!



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