



Shmuel De-Leon Energy - Battery Weekly Newsletter

August 7, 2020, No. 553

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Battery Safety Virtual Training

24/8/2020 Battery Safety training - Virtual (2 hours) - 16:00 PM Central
Europe Time, 11:00 AM EST USA Time - [Program](#) - [Registration](#)

Battery Training

13/10/2020 Battery Safety Workshop as part of The Battery Show Europe
2020 - Stuttgart, Germany [Program](#)

23-24/10/2020 Battery Seminar, Le Bourget Du Lac, France [Program](#)

26-27/10/2020 Battery Seminar, Appenzell, Switzerland [Program](#)

2/11/2020 Battery Safety Tutorial as part of AABC USA, San Francisco, CA,
USA [Program](#)

11-12/11/2020 Battery Seminar, Wezep, Netherlands [Program](#)

17-19/11/2020 7th Li-Ion cells Manufacturing Semianr + Battery Safety
Workshop, Rochester, NY, USA [Program](#)

23/11/2020 Battery Safety Tutorial as part of 1st International Electric Vehicle & Stationary Battery Conference, Vitoria, Spain [Program](#)

2/12/2020 Battery Safety Workshop as part of Battery Cells & Systems Expo, Coventry, UK [Program](#)

27/4/2021 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 for free 30 days trial](#)

Batteries and Super Capacitors news

[StoreDot Demonstrates World's First 5-Minute Charge of a Commercial Drone, Making Continuous & Fully-Autonomous Drone Delivery a Reality](#)

[Sodium-Ion Battery Company Natrion Partners with Binghamton University's Koffman Southern Tier Incubator](#)

[Groundbreaking battery tech firm ZapGo enters administration](#)

[Lithium-ion battery giant CATL raises almost \\$3billion through private share placement](#)

[Supercapacitors offer extended back up time and longer battery life](#)

[Flux Power Partners With CLARK Material Handling To Supply Lithium-Ion Batteries](#)

[Japan's battery startups take the world beyond lithium ion](#)

[VARTA signs supply contract with Samsung](#)

[Prospect of Lithium-ion battery development, application in data centres](#)

[Domestic thermal battery production helps Turkey save \\$91 million](#)

[Replacement demand keeps batteries running for Exide Industries](#)

[UL Fire Safety Testing Confirms Cadenza Innovation's Battery Design Prevents Thermal Propagation in Grid Energy Storage Applications](#)

[3DBattery scores Seed funding, bringing innovative charging solutions to the electric car](#)

[Hong Kong forwarder spearheads fight against fake lithium battery certificates](#)

[Daimler deepens CATL alliance to build long-range, fast-charging EV batteries](#)

[French start-up emerges from stealth mode with plan to build huge battery gigafactory by 2023](#)

[SK Innovation teams up with Nobel laureate for next-gen. battery](#)

[New reports detail cause of APS battery explosion that left 8 injured](#)

[BMW is awarded millions in battery research funding](#)

[France to host 50GWh of battery plants from startup Verkor](#)

[Flash Battery Changes Company Name and Opens New HQ](#)

[CATL to supply batteries to Trailer Dynamics to accelerate road transport electrification in Europe](#)

[Exclusive: Panasonic aims to boost energy density in Tesla batteries by 20% - executive](#)

Raw & Battery Materials news

[American Battery Metals secures industrial land in northern Nevada for its lithium-ion battery recycling facility](#)

[DOE issues RFI to strengthen critical battery material supply chains](#)

[Argonne National Laboratory Claims Breakthroughs In Li-ion Battery Recycling](#)

[Electric vehicle battery recycling in India: An opportunity for change](#)

[Thinfilm Updates Solid-State Battery Manufacturing Progress](#)

[Neometals enters lithium-ion battery recycling joint venture](#)



[NEI Corporation](#) supplies ready-to-ship, cathode and anode electrode sheets for lithium-ion batteries in packages of 2, 5, and 10 sheets. We're still open – order today!

[Specialty Equipment Received for Pilot Plant Resumption of Lithium-ion Battery Recycling Optimization Tests](#)

[New project to improve the performance of EV batteries announced](#)

[Singapore startup claims breakthrough in Lithium-ion battery recycling](#)

[GET lithium batteries for off-road bikes](#)

[Faraday Institution announces six Industry Fellowships to foster relationships between industry and academic researchers](#)

Chargers & BMS News

[Texas Instruments Buck Boost Battery Charger IC](#)

Grid Energy Storage News

[More Big Batteries Coming to the West, as EDF Renewables Nabs Deal With NV Energy](#)

[Prospect of li-ion battery development and application in data centres](#)

[Sunrun Lands Contract for 20MW Backup Battery-Solar Project in Blackout-Prone California](#)

[Power generator Ormat buys 80MWh California energy storage facility](#)

[A residential vanadium flow battery](#)

[South Africa's Eskom opens tender for 80MW / 320MWh battery storage](#)



f-cell+HFC September 9+10, 2020 The Hydrogen and Fuel Cell Event being held at the prominent Vancouver Conference Centre. 50+ International Speakers, Trade Fair, Workshops and a celebrated Evening Event are included. Participate as a Sponsor, Exhibitor, or as a Visitor at this Canadian highlighted networking event. Follow us on social media #fcellhfc and watch the options grow on our website www.hyfcell.com



25th International Congress for Battery Recycling ICBR 2020, September 16 – 18, 2020, Salzburg, Austria

ICBR 2020 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. <https://www.icm.ch/icbr-2020>



You have the technology to make Electric & Hybrid Aircraft fly. But what about commercial viability, certification & implementation? Join the discussion on the reality of electrification of PAM, UAM, regional & narrow-body aircraft at our: ELECTRIFICATION OF AEROSPACE DAYS EUROPE/E & H AIRCRAFT South of France 2020 28.–29.09.2020, Toulouse, France: <https://aerospace.euveris.eu/electric-eu/>



f-cell Stuttgart, September 29+30, 2020 – the annual event for hydrogen and fuel cell professionals

The networking event consists of a leading conference, providing an up to date overview of relevant hydrogen and fuel cell markets and technologies worldwide; an international trade fair, interactive workshops and topic tables, thus offering active networking opportunities. Register online for the conference or contact us to discuss your involvement. www.f-cell.de



EV Charging Infrastructure and Technology Expo 30th September to 2nd October 2020 at MECC, Maastricht, Netherlands

www.mnmexpo.com/ev-charging The EV Charging Infrastructure and Technology Expo, the only international event in Netherlands focuses on bringing together key stakeholders like government, utility companies, municipalities, OEM's fleet owners, researchers and electric vehicle technology providers to discuss the growth opportunities in the EV Charging Industry through new infrastructures and technology. Learn about EV Charging Infrastructure, Charging Technology, Battery Technology and Energy Storage.



From October - TDB, Soteria Battery Innovation Group and NAATBatt will be co-hosting a workshop on Lithium-ion battery safety in Greenville, South Carolina. The workshop will kick off with a half-day battery safety training by Shmuel De-Leon Energy, followed by a full day outlining today's issues and potential solutions. The meeting will bring together different perspectives throughout the industry from the material level to the end user.



[The Batteries Event](#) will cover all aspects of the battery circular economy, beginning from the production of the battery through raw materials, battery manufacturing, battery use and safety, management and applications, going through market trends, research and development, new technologies and finally closing the loop with a focus recycling, second life and regulations. International battery industry key players such as manufacturers, end users, experts, researchers and recyclers will come together to discuss and exchange on existing recycling technologies, life cycles, secondary raw material use, producer regulatory obligations in Europe, future expectations and innovations.



[The Battery Show Europe](#) : 14-16/10/2020 - Join industry peers at the leading

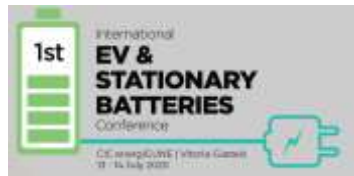
meeting place for the advanced battery and H/EV technology community, where you can meet over 500+ suppliers. Running alongside the free-to-attend trade fair is an expert-led conference with speakers from top manufacturers such as Daimler, CATL and Volvo. Use the code 'SDLE10' for 10% off conference passes.



21-23/10/2020 - InterBattery is the only marketplace where world's leading battery manufacturers such as Samsung SDI, LG Chem and SK Innovation attend at the same time, and showcase their products capabilities. Exhibitors can meet both domestic and international key buyers and therefore make new business deals. Asia's No.1 Battery Show, InterBattery 2020, provides you the diversity of concurrent events, differentiated services such as Biz-matchmaking, accommodation, 24/7 online promotions. Join the InterBattery 2020, where more than 200 companies, 30,000 buyers attend. <http://interbattery.or.kr/en/>



[AABC USA](#) Conference, 2-5/11/2020, San-Francisco. CA. USA



[1st EV & Stationary Battery Conference](#), Vitoria, Spain 23-24/11/2020 - 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.



[Battery Cells & System Expo 2020](#) - A major exhibition and conference for the advanced battery industry launches on 1st-3rd December 2020 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.



ACI's European Electric Vehicle Batteries Summit will be taking place in Rotterdam, the Netherlands on 9th – 10th December 2020.

The conference will look at '[Advancing Battery Performance While Driving Down Production Costs: Unleashing The Power of Electric Mobility](#)'.

For more information or to register your attendance contact Marcin Janecki at mjanecki@acieu.net or phone +48 61 646 7047.



Energy Storage North America & Intersolar North America | January 12-14, 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 and unlock a special offer for Shmuel de-Leon readers: <https://www.esnaexpo.com/sdl/>.



AABC Europe 2021 Conference - 17-21/1/2021, Wiesbaden, Germany



23-24 FEBRUARY 2021, RICOH ARENA, COVENTRY

The Battery Technology Show, 23-24 February 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



[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, 2020. 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.



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



BATTERY CONFERENCE AND EXHIBITION

The Battery Experts Forum 27/4-29/4/2021 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



[The 5th FENIBAT](#) will gather in Londrina, Paraná, Brazil, from May 23 to 25,

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.



[49th Power Sources Conference](#), 7-10 June 2021, 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.



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.



[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.



eMove360 battery conference - Messe Munich, Germany 16-18/11/2020

Shmuel De Leon Energy

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