



Shmuel De-Leon Energy - Battery Weekly Newsletter

February 18, 2022, No. 633

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Virtual Battery Trainings

1-3/3/2022 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](#)

4-6/4/2022 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](#)

Frontal Battery Training

20-21/6/2022 - 2nd EV Hands-On Battery and Production Seminar - [program and registration](#)

23-24/6/2022 - 7th Li-Ion Cells Manufacturing Seminar - [program & registration](#)

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 for free 30 days trial](#)

Batteries and Super Capacitors news

[VW to make next-gen EV lithium-ion batteries after closing deal with 24M](#)

[JT Energy Systems acquires stake in NOVUM, targeting lithium battery sustainability](#)

[Chemicals supplier Albemarle teams with 6K to improve battery production](#)

[Hogan Lovells advises Mercedes-Benz on cooperation with ProLogium to develop solid-state battery cells](#)

[Samsung SDI applies laser tech to clean battery cans](#)

[KIST Develops Flexible and Printable Lithium Battery](#)

[Xiaomi leads funding round in high-voltage EV battery startup Chilye](#)

[SES Expands in South Korea to Facilitate Commercialization of Li-Metal Batteries](#)

[CATL continues reign as the world's largest EV battery manufacturer for a fifth straight year](#)

[15.2 billion yuan! Lishen Battery 36GWh Project starts in Chuzhou, Anhui Province](#)

[Australian company to build electric vehicle battery plant in US](#)

[Jacobsen announces new lithium mowers at GCSAA Conference](#)

[Britishvolt gigafactory: Britain's best-kept industrial secret is an unexpected solution to saving the planet](#)

[Renault ZOE Battery Pack Recall Affects 733 Units Due to Fire Risk](#)

[Stellantis Recalls Plug-In Hybrid Minivans on Fire Risk](#)

[Lithium iron phosphate batteries take the lead again in 2022 the first batch of recommended catalogue batteries will be released.](#)

[Batteries Regulation ENVI Committee vote](#)

[Biden Administration, DOE to Invest \\$3 Billion to Strengthen U.S. Supply Chain for Advanced Batteries for Vehicles and Energy Storage](#)

[GM to restart Chevy Bolt production after battery fire recalls](#)

[Britishvolt secures £40m investment for electric vehicle battery factory](#)

[Euric backs ENVI Committee on revision of Battery Regulation](#)

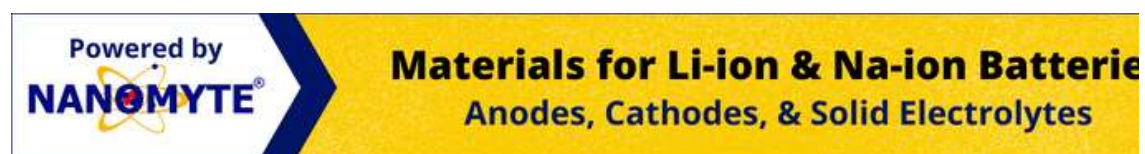
[CATL and EVE to Mass Produce Tesla-Designed 4680 Battery in 2022](#)

Battery Materials news

[Michigan will get a new graphite processing factory to support US EV battery production](#)

[Umicore boosts battery recycling tech](#)

[Lotte to expand electrolytes in South Korea](#)



The advertisement features a yellow background with a blue chevron pointing right. On the left, it says "Powered by NANOMYTE®" with a logo. On the right, it says "Materials for Li-ion & Na-ion Batteries" and "Anodes, Cathodes, & Solid Electrolytes".

[NEI Corporation](#) is now offering custom produced, pre-cut electrodes. The new product complements our extensive line of materials and testing services for both lithium-ion and sodium-ion batteries.

[Nanoramic® Laboratories Collaborating with BASF to Develop Novel Cathode Systems for Lithium-ion Batteries](#)

[princeton startup aims to fast-track lithium battery recycling](#)

[Stena Recycling to launch a new battery recycling plant in Sweden](#)

[Syrah expansion elevates Louisiana's footprint in electric vehicle battery supply chain](#)

[Lithium: Spot prices soar in lunar new year](#)

[Sumitomo to spend big to boost output of nickel, battery materials](#)

Chargers & BMS News

[These companies have developed systems than can fully charge EV batteries in minutes](#)

[Battery Swapping Policy vows to change vehicle world](#)

Grid Storage Batteries News

['Logistics nightmare' hits battery storage rollout: Enphase CEO](#)



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.)



InterBattery2022, first launched in 2013 in Seoul, Korea, is Korea's leading battery exhibition showcasing various new products and technologies related to battery industry. Running concurrently as a part of 'Energy Plus', it attracts over 900 domestic and overseas exhibitors and 1,500 booths! **Discover Your Opportunity by Broadening Your Perspective and Relationship at InterBattery 2022!**



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>

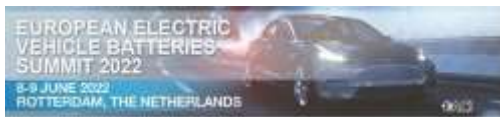


E-TECH EUROPE 2022 is the international event for **innovative electrical and electronic technologies** which will take place in the prestigious **Bologna Exhibition Center, (Italy)** on **12-13 April 2022**. The fair wants to position itself as the reference point for the **next industrial and economic “green revolution”**, which will involve the entire supply chain across the **electrification and electronics sectors**, in particular for the **automotive world**.

For more information, please visit our website: <https://e-tech.show/>



[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



[The Battery Show Europe](#) : 28-30/6/12/2022 - 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.**



[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.



Battery Experts Forum

THE international expert platform for the latest trends, product developments and solutions in battery technology will be back in 2022. Three days full of inspiring presentations, informative exhibition stands and active networking await you from July 12-14 at Messe Frankfurt. Register now and book your exclusive booth space for your company or get your conference ticket to an affordable early bird price! More information on www.battery-experts-forum.com



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 4th International Symposium on Magnesium Batteries (MagBatt IV) will take place from September 6 to 8, 2022 in Ulm, Germany. As always we will welcome some of the world's top battery speakers. This time we extend the program with calcium, zinc and aluminum batteries.

Web: <https://www.postlithiumstorage.org/en/magbatt-iv>

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.



[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!



[AABC USA](#) - 5-8 December 2022



[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.



[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 shmuel@sdle.co.il