

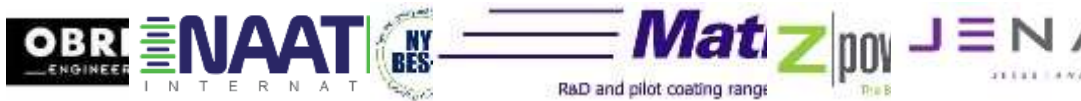


Shmuel De-Leon Energy - Battery Weekly Newsletter

February 21, 2020, No. 529

Sent to Battery industry members since 1/2010, [Join our mailing list](#)

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Battery Training

30/3/2020 Battery Safety Tutorial as part of Florida International Battery Seminar, Fort-Lauderdale FL, USA [Program](#)

5/5/2020 Battery Safety Tutorial as part of 3rd Medical Battery Conference, Seligenstadt, Germany [Program](#)

3-4/6/2020 Battery Seminar, Le Bourget Du Lac, France, [Program](#)

8/6/2020 Battery Safety Tutorial as part of AABC USA 2020 Conference San Diego, CA, USA [Program](#)

18-19/6/2020 6th Li-Ion Cells Manufacturing Seminar, Rochester, USA [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

[New Lithium Ion Battery tech on all Club Car Golf Carts](#)

[BMW and Mercedes-Benz take opposing views on flexible EV manufacturing](#)

[BMW Accelerates Expansion Of EV Motor And Battery Module Production](#)

[FRENCH BATTERY MANUFACTURER TYVA ENERGIE INVESTS €2,4MILLION IN A NEW PRODUCTION SITE IN ANNONAY](#)

[CEZ MULLING LITHIUM CAR BATTERY PLANT IN NORTH BOHEMIA](#)

[Battery-Electric Nikola Tre to Be Made at Iveco Plant in Germany](#)

[Lack of batteries hinders Mercedes & halts I-Pace production](#)

[Korean EV battery companies carve out bigger market share in 2019](#)

Raw & Battery Materials news

[Nano One doubles private placement as investor interest in electric vehicles picks up](#)

[Energy storage startup SPARKZ licenses ORNL cobalt-free battery tech](#)

[American Manganese Receives Funding from the Government of Canada for Lithium-ion Battery Recycling Project](#)

[CPI partners with LiNa Energy to create next-generation battery technology](#)

[IBM and Daimler claim quantum leap in lithium-sulfur battery breakthrough](#)

[World's first graphene-applied lead-acid battery to be mass produced in Sri Lanka](#)



NEI Corporation offers cathode, anode, & solid electrolyte materials for Lithium and Sodium-ion batteries, as well as cell fabrication and testing services. [Learn More »](#)

[Firms sign MoU to develop and commercialise vanadium redox flow batteries](#)

[JenaBatteries and BASF cooperate in the development of electrolyte for redox flow battery](#)

[Tech Metals: TNG is powering up its own vanadium battery business](#)

[Battery Producers Sign Long-term Contracts with Anode Material Suppliers](#)

[Welcome to the Era of Supercharged Lithium-Silicon Batteries](#)

Chargers & BMS News

[Nuvation Energy Releases First Ever Configurable Battery Management System to receive UL 1973 and UL 9540 Recognition](#)

Grid Energy Storage News

[The world's greenest Ro-Ro ferries will have Corvus Energy batteries on board for zero-emissions operations](#)

[Neoen's massive Culcairn solar and battery project edges closer to construction](#)



Battery Electric Vehicle Architectures (BEVA) Detroit Congress. 26-27 February, 2020, Detroit, Michigan, USA , www.beva-detroit.com
BEVA Detroit is designed specifically to deliver realistic commercial options, technology strategies and engineering solutions in the way forward to mass market adoption of electric vehicles.

11th Int'l Rechargeable Battery Expo

BATTERY JAPAN

[BATTERY JAPAN 2020](#) is the Japan's largest B-to-B trade show for rechargeable battery industry to be held in Tokyo. The show scale has been increasing year after year and we are expecting to welcome 1,600* exhibitors & 70,000* visitors from all over the world. (*incl. concurrent shows)
Exhibit & Visit the show to expand your business in Japan and Asia!



f-cell+HFC April 1+2, 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



[International Battery Seminar & Exhibit conference 2020, Orlando, FL, USA – 30/3-2/4, 2020](#)



From April 21-23, 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 Battery Technology Show & Future of Electric & Hybrid Vehicles, 21-23 April 2020
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



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 27.–28.04.2020, Toulouse, France: <https://aerospace.euveris.eu/electric-eu/>

THE BATTERY SHOW EUROPE 2020

[Battery Show Europe conference 2020, Stuttgart, Germany – 28-30/4/2020](#)

Shmuel De-Leon
Energy Ltd

RRC Power Solutions GmbH and Shmuel De-Leon energy are pleased to invite you to participate in the [3rd Medical battery conference](#), which will take place at the Hotel Columbus, Seligenstadt, Germany on May 4-5, 2020. The Conference for Medical batteries will meet to discuss and provide a platform for technological innovations and business opportunities with the latest updates in that fields in Germany and abroad. The conference is held once a year and is the leading and the only Medical Battery dedicated conference, bringing together participants from leading private and public battery and companies, start-ups, investors, academics and businesses that are interested in the Medical battery field.

Conference Web Site: <http://www.medicalbatteryconference.com/>



More Electric Aircraft USA

May 12-14, 2020 Washington DC, USA

Pushing electrification of aviation by upscaling electric airplanes and discussing infrastructural needs

During a full three-days-program with lectures and interactive workshops, you will meet international experts to discuss, hear and learn about their experiences and challenges in the fields of More Electric & Hybrid Aircraft.

Download Agenda: <http://bit.ly/38sZiqJ>



China Industrial Association of Power Sources will hold the "14th China International Battery Fair ([CIBF2020](#))" with over 110,000 m² area & 1350 exhibitors & over 5500 booths on May 25 to 27, 2020 in Shenzhen.

CIBF2020 will be accompanied by the 5th China Energy Storage Exhibition and 3rd China Power Bank Exhibition. The theme of CIBF2020 technical conference will be "power batteries and energy storage batteries", focusing on electric vehicle batteries and micro-grid, smart grid and energy storage battery with a variety of the latest developments. There will be 1500 people from more than 50 countries and regions attend the meeting.



ACI's European Electric Vehicle Batteries Summit will be taking place in Rotterdam, the Netherlands on 3rd – 4th June 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.



[AABC USA](#) Conference, 8-11/6/2020, San-Francisco. CA. USA



The 11th International Conference on Lead-Acid Batteries [LABAT'2020](#) will be held 9-12 June 2020 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'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 exhibitionfair will present a perfect opportunity to showcase your new products and services.



[49th Power Sources Conference](#), 15-18 June 2020, 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 eleventh International Flow Battery Forum will be held in Düsseldorf, Germany from 30th June – 2nd July 2020. The IFBF is the major international conference covering all aspects of flow battery research, development, technology, manufacturing and commercialisation. We are delighted to confirm the support of John Cockerill and Volterion as hosts for our visits at IFBF 2020. There will be an evening visit to one of Volterion's sites on Thursday 2nd July and on Friday 3rd July we will visit John Cockerill's site at Seraing in Belgium. Registration is [open](#).



Battery Cells & System Expo 2020 - A major exhibition and conference for the advanced battery industry launches on 8th - 9th July 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.



BATTERY CONFERENCE AND EXHIBITION

The Battery Experts Forum 29/9-1/10/2020 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



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



The Battery Technology Show, 21-22 October 2020

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 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.

Shmuel De Leon Energy

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