



Shmuel De-Leon Energy - Battery Weekly Newsletter

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Battery Training

10/2/2020 Battery Safety Tutorial as part of NAATBatt 2020 Annual Meeting & Conference, Pasadena, CA, USA [Program](#)

19-20/2/2020 2nd Solid Electrolyte Li-Ion Cells Production Technology Seminar Europe, Germany [Program](#)

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: [Some of the cells we sell](#)

[Shmuel De-Leon Energy provide a new Battery Daily News Service - Sign up for free 30 days trial](#)

Batteries and Super Capacitors news

[SK Innovation Considering Making Additional Investment in U.S. Battery Plant](#)

[DAIMLER COMMITTING \\$23 BILLION TO SECURE EV BATTERY SUPPLY](#)

[Enevate Commercializing New Low-Cost Battery Technology](#)

[Deregallera to commission new pouch cell assembly line for sodium-ion batteries in Wales](#)

[Investigation Committee Says Defective Batteries Are to Blame for ESS Fires](#)

[Trump Administration Lowers Import Tariffs on Chinese Batteries](#)

[Solvay CEO: Europe must create an ecosystem for electric car batteries](#)

[South Africa - Local lithium-ion battery plant to open its doors this year](#)

[Varta - Lithium-ion battery production increased to 200 million cells](#)

[Canada-Based Li-Cycle Corporation Locates U.S. Facility in Monroe County, New York](#)

[Chinese EV battery maker confirms talks with Volkswagen](#)

[India needs 50 GWh of battery storage within 2.5 yrs for planned EV transition: NITI Aayog official](#)

[GM bids to buy land for new Ohio battery factory](#)

[A New Lithium Ion Battery Is Nearly Indestructible](#)

[Korean battery makers to become winner in burgeoning European EV market](#)

[AUDIO Solar and battery systems power up South African shacks](#)

[IATA ISSUES LITHIUM BATTERY GUIDANCE](#)

[Tesla signs land purchase contract for Gigafactory 4](#)

[China Embraces Battery-Swapping System for Electric Vehicles](#)

[Volkswagen to buy 20% of Chinese battery maker Guoxuan amid electric push : Sources](#)

[Fortum acquires lithium-ion battery recycler](#)

Raw & Battery Materials news

[Tesla in talks to buy Glencore Cobalt for Shanghai car plant](#)

[Battery nickel price regains premium over metal](#)

[Nickel: Finnish Minerals Group launches lithium-ion battery precursor and cathode plant studies](#)

[RiceU team uses alumina-passivated cathode to improve stable cyclability of Si-NMC battery](#)



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

[A Win-Win Opportunity: EV Battery Recycling, The Environment And Energy Security](#)

[Orocobre Limited – Multi-year contracts for Olaroz battery grade lithium carbonate](#)

[HKUST team develops high-capacity, long-life Li-S battery](#)

[Posco Chemical signs W1.8tr deal to supply anode for LG Chem's EV battery](#)

Chargers & BMS News

[Moixa and Honda launch electric vehicle charging partnership in London](#)

[China Working To Create Industry Standard Battery Swapping Technology](#)

Grid Energy Storage News

[How NEC Energy Solutions Is Enabling The Battery Revolution](#)

[East Penn Manufacturing eyes future in renewable energy](#)

[Daybreak Power to build a massive 2,200 megawatt energy storage station near Page, Arizona](#)

[Centrica and sonnen complete 100 battery strong VPP](#)

[ZAF to install nickel-zinc batteries at CPG Atlanta data center](#)



NAATBatt 2020, the 11th annual meeting of NAATBatt International, will be held February 10-13, 2020, at the Langham Huntington Pasadena hotel in Pasadena, CA. The program will focus on the advanced battery market in North America across multiple applications, including motive, ESS, military, consumer and industrial. The latest market trends, forecasts and technologies will be reviewed by leading experts in advanced battery markets and technologies. See: <https://naatbatt.org/2020conference/>



Join the most insightful and innovative conference in Europe and be part of the newest technological advancements in electric motor technologies. *Automotive IQ* is due to hold the: [8th International Conference Advanced](#)

E-Motor Technology 2020, between the **10-13 February 2020** in Titanic Chaussee Berlin in Germany.

At the conference you will learn about:

- Learn about the **latest testing methods** and **optimization workflow** for **e-motor design**
- Get to know ways to **optimize energy management** and increase **range of autonomous EVs**
- Hear achievements shared by the industry committed to being **fully electric** with lessons learned and case studies from OEMs and Tier1 suppliers
- Meet leading OEMs from Europe and Asia and hear their views on the **e-motor architecture** and **design**
- Get to know **leading car makers** and e-motor manufacturers and hear about their **latest innovations** in the space



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 #cellhfc 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](#)



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/>



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



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/>



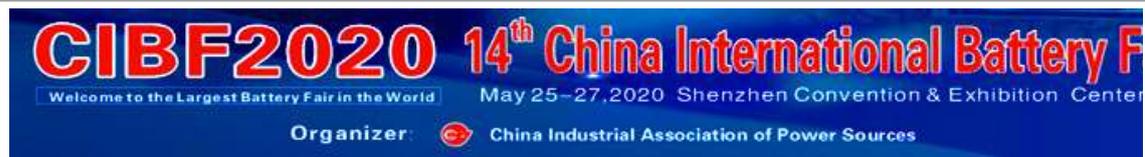
More Electric Aircraft USA

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/38sZjqJ>



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.



[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 exhibition fair 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 commercialization .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 .**The call for papers is open .To submit your abstract visit :<https://flowbatteryforum.com/submit-abstract> .**The deadline for submissions is 31st January 2020 .



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.

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