

# Shmuel De-Leon Batteries, Super-Capacitors, Fuel cells & EV's Weekly Newsletter



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## *Battery Training*

Schedule	Location	Partner	Program
30/1/2019	Tutorial as part of AABC Europe 2019 Conference, Strasbourg, France	<a href="#">Cambridge EnerTech</a>	<a href="#">Program</a>
6-7/2/2019	1st Solid Electrolyte Li-Ion Cells Production Technology Seminar	<a href="#">CustomCells</a>	TBD
11-12/3/2019	Berlin, Germany	<a href="#">Enerdan</a>	TBD
25/3/2019	Tutorial as part of Florida Battery Seminar, Fort-Lauderdale FL, USA	<a href="#">Cambridge EnerTech</a>	<a href="#">Program</a>
15-16/4/2019	Gothenburg, Sweden	<a href="#">Hans-Schive</a>	<a href="#">Program</a>
29-30/4/2019	5th Industrial On-Site Lithium-Ion Cell Production Technology Seminar, Itzehoe, Germany	<a href="#">CustomCells</a>	TBD
12-13/6/2019	Le Bourget Du Lac, France	<a href="#">Serma</a>	<a href="#">Program</a>
20-21/6/2019	4th Li-Ion Cells Manufacturing Seminar, Rochester, NY, USA	<a href="#">RIT</a>	TBD
27/6/2019	Tutorial as part of AABC USA 2019 Conference San Diego, CA, USA	<a href="#">Cambridge EnerTech</a>	TBD

\* Contact us for an in house training [shmuel@sdle.co.il](mailto:shmuel@sdle.co.il)

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## *Special Offers*

### **Batteries/cells purchasing services**

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](#)

We sell 21700 cells

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## *Battery & Super Capacitors news*

[Investment boost for Massachusetts battery start-ups](#)

[US transport chief to form lithium safety groups](#)



[Munters](#) desiccant dehumidification systems are specifically designed to meet the needs of advanced battery manufacturers' requirement for precise and low dew point control, while at the same time consuming less energy. Munters is the market leader in the battery industry, having provided energy-efficient dehumidification systems and turnkey dry rooms for over 40 years.

[Loan deal expansion plan for Greek lead-acid maker Sunlight](#)

[SK Innovation to build \\$1.67B EV battery manufacturing plant in Georgia](#)

[CATL tries to apply for credit line worth no more than RMB110 billion](#)

[BYD's battery capacity reaches 1.4GWh/month](#)

[Amprion silicon nanowire Li-ion batteries power Airbus Zephyr S HAPS solar aircraft](#)

## *Raw & Battery Materials news*

[CMBlu and Schaeffler Cooperate in the Development and Industrialization of Organic Redox Flow Batteries as Large-scale Energy Storage Systems](#)

[SiNode and JNC partner to form NanoGraf to improve battery energy density by 50%; Si-graphene composite anode materials](#)

[Battery Startup SiNode Raises \\$4.5M, Rebrands Company In 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. Request your quote!

[BMW, BASF and Samsung launch Congolese cobalt mining](#)

[project](#)

[Infinity Lithium eyes battery supply market with Spanish project](#)

[Elcora awarded NSERC-ENGAGE grant to support development of graphene supercapacitors](#)

[Soteria Battery Innovation Group Sells First Technology License to Glatfelter](#)

## ***xEV`s news***

[Honda launches PCX Electric scooter with battery swapping](#)

[Zero expands to four wheels with the e-Qooder](#)

[Rivian introduces two quad-motor Electric Adventure Vehicle](#)

[JRC: e-vehicle market in Europe is slowly gaining momentum, but breakthrough is needed](#)

[Tesla working to steady Model 3 output at 1,000/day](#)

[New-gen battery tech to provide 300-mile range in next Kia EV](#)

## ***Chargers and Battery Management news***

[Video - Keysight explains their latest EV charging test system at electronica 2018](#)

[CARB EV Charging Plan Splits Electric Vehicle Charging Association Members](#)

[First-ever set of security requirements for EV charging infrastructure](#)

## ***Grid Energy Storage news***

[CMBLu and Schaeffler cooperate in the development and industrialization of Organic Redox Flow batteries as large-scale](#)

[energy storage systems](#)

## *Fuel Cells news*

[Ecoelectro secures \\$1.7M ARPA-E award for development of alkaline exchange membranes and ionomers for fuel cells and electrolyzers](#)

[Berkeley-led team uses MOFs to set new record for hydrogen storage capacity](#)

[MAN Cryo first supplier to develop a marine, liquid-hydrogen fuel-gas system](#)

[Ceres Power and Weichai finalize strategic collaboration and JV agreement on SOFCs; range-extenders for buses](#)

[Freudenberg Raises Stake in Fuel-Cell Technology](#)

## *Upcoming Industry Events*



Shmuel De-Leon Energy will organize the [7th Israeli Battery Conference & Seminar](#) in Kefar-Saba, Israel, 17-19/8/2018. The 7th Israeli Battery Conference & Seminar will meet to discuss and provide a platform for technological innovations and business opportunities with the latest updates in the battery field in General and in Israel particular. The conference is held once in two years and is the leading battery conference in Israel bringing together participants from leading private and public companies, start-ups, investors, academics and businesses that are interested in the battery field.



Each year, [AABC Europe](#) brings together a global audience of battery technologists and their key suppliers for a must-attend week of development trends, breakthrough technologies and predictions of the market for years to come. Our 2018 event was the largest AABC event ever with 1,000 attendees from 35 countries taking part in interactive discussions on the development and future market trends for vehicle electrification.

**Roskill**

## Lithium Mine to Market Australia 2019

21st – 22nd February  
Parmelia Hilton Perth  
Perth, Aus

Roskill's inaugural [Lithium Mine to Market, Australia 2019 Conference](#) (21-22/2/2019) offers you the opportunity to discover what is really happening in the lithium supply chain. The conference will bring together a high-profile list of expert speakers to offer insights and supply and market outlooks for the current situation in Australia and further afield. It will also give you the chance to meet and network with key decision makers across the entire lithium supply chain.

## 10th Int'l Rechargeable Battery Expo **BATTERY JAPAN**

[Battery Japan 2019](#) - Feb 27- Mar 1/ 2019 World's Largest-scale Show for Rechargeable Battery - Big Site TokyoWorld's Largest-scale international exhibition showcasing various components, materials, devices, finished rechargeable batteries for rechargeable battery R&D and manufacturing.

The logo for NAATBatt International features the word "NAATBatt" in a bold, sans-serif font. "NAAT" is in dark blue and "Batt" is in green. To the left of "NAAT" are three horizontal green bars of varying lengths. Below "NAATBatt" is the word "INTERNATIONAL" in a smaller, spaced-out, grey font.

INTERNATIONAL

March 11-14, 2019 - Sponsorship and Exhibitor Opportunities [The 2019 Annual Meeting](#) will be the 10th annual conference of NAATBatt International, the trade association of companies developing, manufacturing, selling and using advanced battery technologies in North America.



INTERBAT 2019 - INDEPENDABLE POWER SOURCES - The 28th International Specialized Fair on Batteries, Equipment and Components for its Production. 19 -21 March, 2019, Russia, Moscow, Exhibition Hall of Moscow Government, Noviy Arbat street, 36/9  
Subject: All kinds of batteries - Material, components and equipment for battery production - Battery recycling. More information: [interbat@interbat.ru](mailto:interbat@interbat.ru), <http://www.interbat.ru>



Founded in 1983, [the International Battery Seminar & Exhibit](#) has established itself as the premier event showcasing the state of the art of worldwide energy storage technology developments for consumer, automotive, military, and industrial applications. Key thought leaders will assemble to not only provide broad perspectives, but also informed insights into significant advances in materials, product development, manufacturing, and application for all battery systems and enabling technologies. As the longest-running annual battery industry event in the world, this meeting has always been the preferred venue to announce significant developments, new products, and showcase the most advanced battery technology. For example, Sony chose the International Battery Seminar as the platform to first announce its lithium-ion technology in 1991, an accomplishment that has since gone on to change the world. Attendance has more than doubled since joining Cambridge EnerTech in 2015!



In order to meet the high demand, [the Battery Experts Forum](#) moves to the financial capital Frankfurt am Main in 2019. With an even larger exhibition area, the Battery Expert Forum could take place in the rooms of the Forums Messe Frankfurt. Be there when over 100 TOP experts in the battery industry report on the latest technology!

## 4th Lithium Battery INTERNATIONAL Summit (LBIS) Invitation

Shenzhen, China May 6th-9th, 2019

4th Lithium Battery International Summit (LBIS) Invitation  
Shenzhen, China May 6th-9th, 2019

This summit will bring together world's leaders of energy storage science & technology (Y. Nish, A. Yoshino, J. Dahn, T. Ohzuku, JM. Tarascon, M. Yoshiyo, S. Visco, SAE, IEEE, USABC, Various EDV, CE and ESS makers), as well as the CTOs and CEOs of top 20 Li-ion producers to discuss Li-ion, Solid State Batteries, Li/Air, Li/S, Fuel Cell) and their applications.

Summit Special Lectures by: J. Dahn, J. Zhang, T. Ohzuku/M. Yoshio, JM. Tarascon, S. Visco,

Website: [LBIS.net](http://LBIS.net); and email: [johnzhang@celgard.com](mailto:johnzhang@celgard.com)

## THE BATTERY SHOW

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### EUROPE 2019

[The Battery Show](#), co-located with [Electric & Hybrid Vehicle Technology Expo](#), is the industry's largest and fastest-growing trade fair for advanced battery and H/EV technology (7 - 9 May 2019, Stuttgart, Germany). 400+ suppliers from across the battery supply chain, such as A123 Systems, Leclanché, Voltabox and Bosch Rexroth will display thousands of design, production and manufacturing solutions, including battery management systems, battery pack assemblers/integrators, materials, components, research, testing and recycling. This free trade fair is an opportunity to source the latest energy storage solutions to reduce costs and improve the performance of battery applications.



[EVS 32](#) (International Electric Vehicle Symposium) are organized by the WEVA (World Electric Vehicle Association) and recognized as the major event by professionals around the world, engaged in electric transportation, coming from

the industrial world, institutional and university research program to present, or to explore, the new paradigm of the electric transport with its technologies and its new mobility concepts.



Show your products and services to the South American Lead-Acid Battery manufacturers and recyclers. Composed of a two mornings Conference and two afternoons-evenings Expo, an expected 800+ attendees and close to 100 Exhibiting companies make the [FENIBAT](#) the biggest battery event in Southern Hemisphere. Suppliers must have a booth to be admitted.



"EUROBAT's next annual Forum and General Assembly will take place in Berlin on June 13 -14, 2019.

Programme and registration procedure to follow soon. For more information: [gmeylemans@eurobat.org](mailto:gmeylemans@eurobat.org)



Save the Date! AABC to Return to San Diego from June 24-27, 2019  
More than 670 Battery Technologists from Tesla, GM, Toyota, Ford, Nissan, Volkswagen, Honda, Daimler, Fiat Chrysler, Subaru, Mitsubishi, Hyundai, Mazda, Hino Motors, Lion Electric, Faraday Future, NIO, Rivian Automotive, Uber, plus the Entire Battery Supply Chain Participated in [the 18th Annual AABC Conference in San Diego](#)



Battery China 2019 – Asia's Leading Exhibition for Battery & EV & Charging Technologies!

The 14th China International Battery, Raw Material, Producing Equipment and Battery Parts Fair (Battery China 2019), July 6-9, 2019, China National Convention Center, Beijing, China

Concurrent Activities: The 4th China (Beijing) International EV Expo (EVTec China 2019)

Scale : 50000m<sup>2</sup> ; 500+ exhibitors; 50000+ visitors ; 100+ media

The Best Place to Meet Professionals from all Over the World ! Contact: Ms. Yan; Tel: +86 10 87765620 ; [batteryshow@163.com](mailto:batteryshow@163.com) <http://www.bhoec.com/batteryshow>

## THE BATTERY SHOW

NORTH AMERICA 2019

[The Battery Show](#) connects you with more than 8,000 engineers and executives, and more than 600 leading suppliers, across the advanced battery supply chain. A powerful, end-to-end showcase, this leading global industry event covers today's emerging advanced battery technology for the automotive, portable electronics, medical technology, military and telecommunications, and utility and renewable energy support sectors. Explore the full spectrum of cutting-edge solutions you need to make faster, smarter, and more cost-effective products at the most comprehensive industry event in North America

### Contact

**Shmuel De Leon Energy**  
10 Mazal-Arie Street, Hod-Hasharon,  
Israel 45309 972-77-5010792  
[www.sdle.co.il](http://www.sdle.co.il) [shmuel@sdle.co.il](mailto:shmuel@sdle.co.il)

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