

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



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Sent to more than 210,000 Energy Storage industry members

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### *Battery Training*

Schedule	Location	Partner	Program
30/1/2019	Tutorial as part of AABC Europe 2019 Conference, Strasburg, France	<a href="#">Cambridge EnerTech</a>	<a href="#">Program</a>
13-14/3/2019	Barcelona, Spain	<a href="#">Leitat</a>	<a href="#">Program</a>
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>	<a href="#">Program</a>
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>	<a href="#">Program</a>
27/6/2019	Tutorial as part of AABC USA 2019 Conference San Diego, CA, USA	<a href="#">Cambridge EnerTech</a>	<a href="#">Program</a>
3-4/7/2019	1st Solid Electrolyte Li-Ion Cells Production Technology Seminar	<a href="#">CustomCells</a>	TBD

### ***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 release the 2019 new versions of all battery market reports](#)

### ***Batteries and Super Capacitors news***

[Duracell, Energizer eye Eveready stake](#)

[Blackstone invest €200M in European cell production](#)

[Samsung SDI introducing latest EV battery lineup at NAIAS; roadmap for solid-state](#)

[Israeli car that runs on air and water](#)



[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.

[Cell production for Tesla Model 3 hits 11 GWh](#)

[Lithium Werks appoints T. Joseph Fisher III as chairman](#)

[Harley airs technical details of the LiveWire](#)

[Boeing uses Japanese know-how for electric aircraft](#)

### ***Raw & Battery Materials news***

[California Energy Commission awards follow-on funding to Sepion](#)

[Technologies for advanced membranes for Li-metal batteries](#)

[3M to Exhibit Cutting-edge Lithium Ion Battery Materials at GBF AISA 2019](#)

[2D Materials Make For a Better Catalyst for Lithium-Air Batteries](#)



 **NANOMYTE<sup>®</sup> Cathode & Anode Electrode Sheets**  
**Ready-to-Ship** – available in 2, 5, & 10 sheet packages 

[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!

[Posco shake-up bid to boost materials sales](#)

[China team uses ultra-thin indium sheet to stabilize Li-metal anode](#)

[Ford, Huayou Cobalt, IBM, LG Chem, RCS Global launch blockchain pilot to address concerns in strategic mineral supply chains; cobalt to start](#)

### ***xEV`S News***

[New Flyer introduces real-time smart analytics reporting platform to enhance battery-electric bus operation, intelligence, and efficiency](#)

[Jaguar Land Rover to build UK battery plant despite job cuts gloom](#)

[DOE: median EV range in US grew from 73 miles in MY 2011 to 125 miles in MY](#)

[Volkswagen to build MEB EVs in Chattanooga beginning in 2022; \\$800M investment in plant](#)

[Veloz: 2018 banner year for EV sales in California; up 84% from 2017; 312% increase from January to December](#)

[First look at Geely all-new electric sedan](#)

[Solaris clocks in more than 10 million kilometres with its electric buses](#)

[Hainan province to ban sales of diesel, petrol cars from Mar 1](#)

[The Verdict's Still Out on Battery-Electric Buses](#)

### ***Chargers News***

[General Motors to collaborate with EVgo, ChargePoint and Greenlots on EV charging network](#)

[Electric Car Charging Goes Super Fast](#)

[SolarEdge Integrates EV Charging with Google Assistant](#)

[Volvo invests in high power wireless charging](#)

[Brusa takes wireless charging from 3.7 to 11kW](#)

### ***Grid Energy Storage News***

[First phase of China's biggest flow battery put into operation by VRB Energy](#)

### ***Fuel Cells News***

[RONN Motor Group, Inc. Announces Two JV Strategic Partnerships In China, To Develop Zero-Emission Hydrogen Fuel-Cell Vehicles And Hydrogen Infrastructure](#)

### ***Upcoming Industry Events***

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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.

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**Roskill**

**Lithium Mine to Market  
Australia 2019**

21st - 22nd February 2019  
Parmelia Hilton Perth Hotel  
Perth, Australia

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.

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



March 11-14, 2019 - Sponsorship and Exhibitor Opportunities [The 2019 Annual Meeting](#) will be the 10th annual conference of NAAT Batt 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!

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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!

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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)

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# THE BATTERY SHOW

## 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.

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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.

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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.

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"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)

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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](#)

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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>

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The tenth International Flow Battery Forum will be held at Le Centre de Congrès de Lyon (Lyon Convention Centre) from 9th – 11th July 2019. The IFBF is the major international conference that covers all aspects of flow battery research, development, technology, manufacturing and commercialisation including, and includes a pre-conference flow battery visit to visit to IFP énergies nouvelles's flow battery and micro grid demonstration site in Solaize. The call for papers is open (submission deadline 31 January 2019) – please register via our [website](#). For further information email: [info@flowbatteryforum.com](mailto:info@flowbatteryforum.com).

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[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

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