

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



February 1, 2019, No. 474

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Battery Training

Schedule	Location	Partner	Program
13-14/3/2019	Barcelona, Spain	Leitat	Program
25/3/2019	Tutorial as part of Florida Battery Seminar, Fort-Lauderdale FL, USA	Cambridge EnerTech	Program
15-16/4/2019	Gothenburg, Sweden	Hans-Schive	Program
29-30/4/2019	5th Industrial On-Site Lithium-Ion Cell Production Technology Seminar, Itzehoe, Germany	CustomCells	Program
12-13/6/2019	Le Bourget Du Lac, France	Serma	Program
20-21/6/2019	4th Li-Ion Cells Manufacturing Seminar, Rochester, NY, USA	RIT	Program
27/6/2019	Tutorial as part of AABC USA 2019 Conference San Diego, CA, USA	Cambridge EnerTech	Program
3-4/7/2019	1st Solid Electrolyte Li-Ion Cells Production Technology Seminar	CustomCells	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

[DOE launches Battery Recycling Prize and establishes Battery Recycling R&D Center](#)

[Duracell, rival eye onetime Union Carbide operation](#)

[Nikkei: Toyota and Panasonic to set up JV for production of EV batteries and development of next-gen systems](#)

[Malaysia may make energy-dense battery cells 18650](#)

[Myth busting: Battery recycling does work](#)

[Chevron invests in Natron's 'Prussian Blue' technology](#)

[Tecchren 'to kick off lithium-ion production in Andhra Pradesh'](#)

[Leoch breaks ground on China lithium plant](#)

[LIBCOIN-BHEL consortium in discussions to build Indian Government's first Li-ion Gigafactory; to scale up to 30 GWh](#)

[Mercedes-Benz to build battery assembly plant in Poland](#)

[Tesla is reportedly in talks with China's Lishen over Shanghai battery contract](#)

[Battery experts forge path from science to production](#)

[Tata, Chromeni to make EV batteries in \[Vibrant\] Gujarat](#)

[Safran acquires stake in Li-Sulfur battery maker OXIS Energy; OXIS announces two JDAs](#)

[CFD Research Licenses Battery Technology to EaglePicher](#)

Raw & Battery Materials news

[Neo Lithium ships lithium carbonate pilot plant to Argentina](#)

[SABIC acquires majority stake in carbon nanotube business for energy](#)

[storage applications](#)



[Dexmet Corporation](#) ultra-thin expanded MicroGrid® metal foils are engineered for advanced battery, capacitor and energy storage application. Our process allows us to control the thickness, weight, open area and conductivity of the expanded material. Our material is commonly implemented as anode and cathode current collector screens, and as support structures for active material in modern battery applications.

[EU lithium project on menu for Kraft Heinz investor?](#)



[NEI Corporation](#) offers a variety of electrolyte materials for all-solid-state batteries. Come see what we have to offer!

<https://www.neicorporation.com/products/batteries/solid-state-electrolyte/>

[Volkswagen Group invests \\$10M in Forge Nano; ALD coatings for battery materials to boost performance](#)

xEV`S News

[Nio completes first battery swapping route](#)

[BYD Rolls Out its 50,000th Pure Electric Bus](#)

[Fisker aims to offer \\$40,000 EV by 2021](#)

[Danfoss / UQM merger to maximise electric solutions](#)

[Israeli Company's Approved To Enter Electric Bus Market, A Major Boost To Local Industry](#)

[BMW to supply Motiv with i3 Li-ion batteries for integration into EPIC for commercial EVs](#)

Chargers News

[Volvo Invests in Wireless EV Charging Company Momentum Dynamics](#)

[Off-grid EV charging: the future of electric transport](#)

[Tesla China Adds Extra Security To Prevent Parking In EV Charging Spaces](#)

[EV Charging Usage Patterns: Convenience, Accessibility, & Reliability — #CleanTechnica Report](#)

[LG and GS to collaborate on electric vehicle charging stations](#)

Grid Energy Storage News

[South Australia connects grid-scale BESS](#)

[Commissioning starts on 'China's largest vanadium flow battery'](#)

Fuel Cells News

[DOE collaborating with Michigan to advance hydrogen and fuel cells](#)

[Exclusive: Toyota Hydrogen Boss Explains How Fuel Cells Can Achieve Corolla Costs](#)

Upcoming Industry Events

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.

**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 NAAT Batt International features the word "NAAT" in a bold, dark blue font, followed by "Batt" in a bold, green font. To the left of "NAAT" are three horizontal green bars of varying lengths. Below the main text, the word "INTERNATIONAL" is written in a smaller, spaced-out, dark blue font.

NAAT Batt
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, <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

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; and email: johnzhang@celgard.com

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.



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



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 : 50000m² ; 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 <http://www.bhoec.com/batteryshow>



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 energies 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.



[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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