



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

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Battery Training

12-13/6/2019. 2 days Battery seminar, Le Bourget Du Lac, France,

Program

20-21/6/2019, 4th Li-Ion Cells Manufacturing Seminar, Rochester, NY, USA, [Program](#)

27/6/2019, Tutorial as part of AABC USA 2019 Conference San Diego, CA, USA, [Program](#)

3-4/7/2019, 1st Solid Electrolyte Li-Ion Cells Production Technology Seminar, Program TBD

5/7/2019, 1 Day Battery Safety Workshop, Alzenau, Germany, TBD

3-4/9/2019, 2 Days Battery Seminar, Alzenau, Germany, 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](#)

Batteries and Super Capacitors news

[Mercedes-Benz Cars lays foundation for a battery factory at the Untertürkheim site](#)

[The future of stretchable electronics](#)

[‘Europe will have at least ten gigafactories’, says battery boss](#)

[Innolith Energy Technology Brings 1000km EV Within Range](#)

[The inside story of how CATL became the world's largest electric-vehicle battery company](#)

[EV battery sector emerges as S. Korea's new growth engine](#)

[Amara Raja terminates shareholders agreement with Johnson Controls](#)

[Duracell comes up with battery for remote controls: Duracell Chhota Power](#)

[Ioxus uSTART® Battery Replacement for Heavy Equipment, Increases Starting Reliability](#)

[NGK SPARK PLUG & HAKUTO-R Aim to Test Solid-State Battery Technology on the Moon in 2021](#)

[Volkswagen and Ganfeng launch lithium cooperation](#)

[Daimler starts building new battery sub-plant](#)

[Leclanché welcomes record sales figures](#)

[Sunlight takes a shine to lithium with new 'smart battery'](#)

[ILA calls for new EU strategy on batteries](#)

[VinFast & LG Chem launch battery joint venture](#)

Raw & Battery Materials news

[Volkswagen Group and Chinese manufacturer Ganfeng sign memorandum of understanding for long-term lithium supplies](#)

[Scaling up the SiNANode® production from 10 to 100 tons annually](#)

[High-performance combination: Batteries made of silicon and sulphur](#)

[Taking Solid-State Batteries To The Next Level](#)

[Ford partnering with Solid Power to develop solid-state batteries for next-gen EVs](#)



[NEI Corporation](#) offers cost-effective & comprehensive battery characterization & cell testing services. With a quick turnaround and personalized service, you won't want to go anywhere else.

[SK Innovation inks supply deal for key material for EV batteries](#)

[China scrambles to tap EV battery recycling opportunity](#)

[Novel solution to recycle world's batteries](#)

[Molybdenum-Sulfur Cathode Shows Promise](#)

xEV`S News

[BYD launches 27m battery-electric bus, world's longest; distributed 4WD system](#)

Chargers News

[Electric vehicle charging: What can the US and China learn from each other?](#)

[Go-Station Building New EV Charging Network](#)

[Utilities See a Money Maker in Electric Vehicle Charging Business — and Growing Competition](#)

Grid Energy Storage News

[A solar array on every roof, an \(EV\) car in every garage, and a battery in every basement](#)

[Florida plans 'world's largest' battery](#)

Fuel Cells News

[Lifecycle results for Mercedes-Benz GLC F-CELL vary widely depending on the power and hydrogen source](#)

[Chemours Receives Fuel Cell PEM Special Contribution Award](#)

[EDF founds hydrogen subsidiary Hynamics](#)

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

Shenzhen, China May 6th-10th, 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; 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.



Join us at the inaugural f-cell+HFC on May 22+23, 2019 in Vancouver. Supported by the CHFCA the event comprises of a variety of modules: a conference, workshops, a trade fair, technical visits and an evening event. f-cell+HFC is a networking event with a clear focus on connecting people from the hydrogen and fuel cells industries to form lasting business relationships. Register now at <https://hyfcell.com/registration/>



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.



The 7th EcoMotion Main Event in the EcoMotion Week 2019, 11-13 June, Pavilion 1, EXPO Tel Aviv, Registration is now open for the 7th EcoMotion Main Event in the [EcoMotion Week 2019!](#) Explore the frontier

of technologies in the EcoMotion Startup Exhibition of 130 Smart Mobility Startups. While enjoying a cold beer in sunny TLV, industry leaders, C-level executives, startups, and policymakers meet to share knowledge and explore new synergies. #EcoMotion2019 [Register today](#) to secure your place!



"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. Registration is open. Please register via our [website](http://www.flowbatteryforum.com). For further information email: info@flowbatteryforum.com



Advanced Batteries, Accumulators and Fuel Cells No. 20, www.abaf-brno.cz , August 25th to 28th, 2019, Presentation of new R&D in modern batteries and supercapacitors from fundamental science to industrial applications. Lithium and its replacement of lithium and large systems and ionic liquids would be major topics. Located at Brno University of Technology (Czech Republic).
Chairman: J.Vondrak, vondrak123@seznam.cz, +420 725 522 787

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



f-cell Stuttgart, September 10+11, 2019 – the impulse summit for hydrogen and fuel cells

The networking event consists of a leading conference, providing an up to date overview of relevant hydrogen markets and technologies worldwide; an international trade fair, interactive workshops and topic tables, thus offering ample networking opportunities. Register online for the conference or contact us to discuss your involvement. www.f-cell.de



The 2nd China International Battery Recycling 2019 conference will be held in Wuhan China on September 10 to September 12, 2019 at Wuhan Ouya Hotel, will arrange the onsite visit to GEM(Wuhan)Co.,Ltd on September 12th, 2019, Co-located event is the 7th China International E-

Waste & ELV 2019.



AABC was excited to return to Japan in 2018 with an event that promises to build on the success of our US and European conferences, while focusing on the unique drivers, needs, and challenges of the diverse Asian market. With sessions covering topics from raw materials through research and development findings in novel battery chemistries and new approaches to cell and pack engineering, as well as applied technologies in the next generation of electric and hybrid vehicles, AABC Asia was an invaluable opportunity to discover the latest trends, technology and market information. If you missed the first AABC Asia, please see the [event highlights](#).



22-24/10/2019 – Nice, France - For 20 years, the Batteries event still remains one of the World's most attractive event and the meeting place of technologies (lead acid, NiMH, Li-ion, Post Li-ion), applications (from micro batteries to large format batteries) and of the value chain (chemists OEMs and end users). Batteries 2019 will focus on battery market and battery recycling market issues, latest trends and will allow you to meet new partners and customers! <https://www.batteriesevent.com/>



Nelson Mandela University in Port Elisabeth, South-Africa together with Shmuel De-Leon Energy organizing the [2nd Batteries & Electric Vehicle](#)

Conference in Port Elisabeth South Africa, 31st October – 1st November 2019.



The 2019 Fuel Cell Seminar & Energy Exposition (FCS&EE) will take place November 5-7 2019, in Long Beach, California. Whether you are involved in fuel cell, hydrogen, or component research and technical development, or focused on moving the industry forward through regulatory work, deployments, partnerships, strategy, or stakeholder outreach, consider submitting an abstract for an oral or poster presentation at the FCS&EE. The full list of topics and sub-topic areas and submission information can be found at <https://www.fuelcellseminar.com/abstracts>. Abstract submissions are due by May 31, 2019.

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