



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

August 16, 2019, No. 502

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Battery Training

19-20/8/2019, 1st Li-Ion Solid Electrolyte & Lithium Metal (Liquid & Solid electrolyte) Rechargeable Cells Manufacturing Seminar (USA), Livemore, USA, [Program](#)

24-25/9/2019, 2 Days Battery Seminar, Vitoria-Gasteiz, Spain, [Program](#)

21-22/10/2019, 1st Vanadium Redox Flow Battery Seminar, [Program](#)

28-29/10/2019, 6th Industrial On-Site Lithium-Ion Cell Production Technology Seminar, Itzehoe, Germany, Program TBD

18-19/11/2019, 5th Li-Ion Cells Manufacturing Seminar, Rochester, NY, USA, Program TBD

25-26/11/2019, 2Days Battery Seminar, Zwolle, Netherlands, [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 fr free 30 days trial](#)

Batteries and Super Capacitors news

[Cathay introduces fire containment bags for lithium-ion battery shipments](#)

[Battery Production at Record Speed](#)

[OXIS Energy to Develop Proof-of-Concept Advanced, Lightweight Lithium Sulfur Cells for BYE AEROSPACE](#)

[Samsung SDI sees battery demand growth accelerating](#)

[Exide's Gujarat plant to produce batteries for EVs to be operational by year-end](#)

[Monbat acquisition paves way for lead recycling expansion](#)

[KULR Technology Announces Launch of Safety-Driven Lithium-Ion Battery Design Solution Package](#)

[American Battery Solutions Completes the Acquisition of High Voltage Battery Assets from Bosch Battery Systems](#)



[Kreisel Electric Applauded by Frost & Sullivan for the Design Excellence of its High-performance Batteries for the Automotive Industry](#)

[Leadless Pacemakers: The present and the future of cardiac pacing](#)

[Charging battery blamed for causing Redding fire](#)

[CalEPA looking for members of new Lithium-ion car battery recycling advisory group](#)

[Mining firms link up for next-gen batteries R&D](#)

Raw & Battery Materials news

[Lithium prices fall as buildup outraces boom](#)

[SK Innovation Willing to Supply EV Battery Separators to Domestic Competitors](#)

[Advance in understanding of all-solid-state batteries](#)

[Electric car research boosted by cobalt-free battery](#)

[ECO COM'BAT: High power battery by Fraunhofer](#)

[Nickel deficit worrying Tesla and EV battery makers](#)

[Sodium Batteries will Replace Lithium-ion Ones, says Scientist C N R Rao](#)

[Argonne-led center receives award for pivotal discovery in battery technology](#)

[Tesla battery researcher Jeff Dahn talks \\$100 kWh cells, removing cobalt, and more](#)



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[Swedish researchers create world's first paper battery](#)

[Shanshan Technology commissions battery anode materials base in Inner Mongolia](#)

[C-level reshuffle at aqueous zinc ESS firm Eos](#)

[Leap toward robust binder-less metal phosphide electrodes for Li-ion batteries](#)

[BHP to start nickel sulfate production for EVs in second-quarter of 2020](#)

[Lithium Australia to market LFP, the safe lithium-ion battery](#)

xEV`S News

[Mega yachts are going electric – Nidec installs giant battery pack in 165' yacht](#)

[NIO Ranks Highest in China NEV New-Vehicle Quality](#)

[Toyota Bets Big on Chinese EV Market With BYD Partnership](#)

[Details regarding BMW's electrification plans](#)

[For Piaggio, electric is an opportunity not an obligation](#)

[Mitsubishi seeks battery makers](#)

Chargers News

[Electrify America is working on autonomous charging](#)

[Ultrasound System to Charge Medical Implants](#)

Grid Energy Storage News

[Tesla launches Megapack battery, installs first utility-size unit for PG&E](#)

[A flow battery 'competitive with the LG Chems and Samsungs of this world'](#)

[Scientists create low-cost flow batteries to store renewable energy](#)

[Redox Flow Battery Made of Chromium with Organic Binding Generates 2.13V](#)

Fuel Cells News



Advanced Batteries, Accumulators and Fuel Cells No. 20, www.aba-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, +420 725 544 757



Hans H. Schive AS and Shmuel De-Leon Energy Ltd are pleased to invite you to [Oslo Battery Days](#) and to participate in the 3rd battery Conference, which will take place at the Grand Hotel, Oslo Norway, August 26th - 27th, 2019

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.



24th International Congress for Battery Recycling ICBR 2019

September 18 – 20, 2019, Lyon, France

[ICBR 2019](#) Hear the real story in a critical moment for industry at ICBR 2019, the 24th International Congress for Battery Recycling ICBR 2019, the only international conference dedicated to the battery and battery end of life industry ecosystem in Lyon, France, September 18 – 20, 2019.

An ICM production. ICM AG is an international leader specialized in conferences in the vehicle, electronics and battery recycling fields.

6th Int'l Rechargeable Battery Expo Osaka

BATTERY OSAKA

[BATTERY OSAKA 2019](#) (6th Int'l Rechargeable Battery Expo Osaka) is a sister show of BATTERY JAPAN which is a world's leading international exhibition for rechargeable battery, showcasing various components, materials, devices, finished rechargeable batteries. It is held at INTEX OSAKA on September 25 (Wed) – 27 (Fri), 2019.



The [Nordic Battery Conference 2019](#) (Nordbatt2019 - 25-27/9/2019 - www.nordbatt.org) is an international conference covering the entire value chain of batteries from raw materials and battery materials, to applications, recycling and reuse. It is a local Nordic platform providing an open and friendly atmosphere for leading scientists and industry to communicate novel ideas and new findings, and to inspire scientific breakthroughs and technological solutions for energy storage applications. The conference is organized by the Danish Battery Society and you are warmly welcome!



EverZinc organizes “[R-Zinc](#)” : The First European Rechargeable Zinc Battery Meeting. R-Zinc is a full-day international event that will take place on October 15, 2019 at Nine One Brussels, in the heart of the European District. The goal of this initiative is to bring together zinc suppliers, battery makers and potential end-users to support the development of zinc-based batteries in Europe.



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](#).



InterBattery is the only marketplace where world's leading battery manufacturers such as Samsung SDI, LG Chem and SK Innovation attend at the same time, and showcase their products capabilities. Exhibitors can meet both domestic and international key buyers and therefore make new business deals. Asia's No.1 Battery Show, InterBattery 2019, provides you the diversity of concurrent events, differentiated services such as B2B matchmaking, accommodation, 24/7 promotions. Join the InterBattery 2019, where more than 200 companies, 30,000 buyers attend. <http://interbattery.or.kr/en/>



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.



Shmuel De-Leon Energy will organize the [8th Israeli Battery Conference & Seminar](#) in Kefar-Saba, Israel, 16-18/12/2019.



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/>



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.

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