



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

September 6, 2019, No. 505  
Sent to more than 160,000 Energy Storage industry members  
Serving the industry since 1/2010  
[Join our mailing list](#)

[Home](#) [About](#) [Services](#) [Store](#) [Events](#) [Advertisements in the Newsletter](#) [Contact](#)

[Market Research reports](#) [Energy Storage Seminars](#) [Battery safety training](#) [Battery Database](#) [PR Marketing Campaigns](#) [Consulting services](#)  
[Upcoming events](#)

[Cells/Batteries purchasing Services](#) [Li-Ion Manufacturing seminars](#) [Battery Daily News Service](#) [Pouch and cylindrical prototyping cell production services](#)

### ***Our advertisers & sponsors***

**ABAA12 – International Conference**  
Advanced Lithium Batteries  
for Automobile Applications

6–9 Oct 2019  
Ulm | Germany



### ***Battery Training***

---

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

---

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

---

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](#)

---

21-22/1/2019 2nd Li-Ion Solid Electrolyte & Lithium Metal (Liquid & Solid electrolyte) Rechargeable Cells Manufacturing Seminar (USA). [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 for free 30 days trial](#)

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

[Jenax and HP1 Technologies Announce Webinar on Unlocking Smart Product Innovation with Flexible Batteries and Graphene Sensors](#)

[Lyft bikes caught fire in Berkeley, San Jose before two reported in San Francisco](#)

[Microsoft Surface Pro 5 and 6 are reportedly suffering serious battery problems](#)

[Tesla Agrees to Buy LG Batteries for Vehicles Made in China](#)

[Ford Funding Safer Electric Vehicle Battery Research](#)

[ProLogium hikes solid-state LCB energy density to 600Wh/L](#)

[Indian Oil to build a 1 GW electric vehicle battery plant](#)

[Battery maker moves into new facility](#)

[Battery-operated skateboard causes dormitory fire at University of Cincinnati](#)

[Tata Chemicals launches li-ion battery recycling operations](#)



[STIHL Inc. Donates Battery Equipment to The Fuller Center for Housing](#)

[Boston Scientific warns on battery risk with some older Emblem S-ICDs](#)

[AIR MATTRESS BATTERY EXPLODES INSIDE EUGENE HOME](#)

[SMM Recycled Lead Battery Summit: China's lead supply deficit to narrow on new secondary capacity](#)

[TeraWatt Technology solid-state battery prototype tests showing 432 kWh/kg](#)

[CATL doubles profits for first half of the year](#)

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

[Price of lithium drops due to surplus stock](#)

[JFE Chemical to invest in battery material production in China](#)



[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.

[POSCO completes 1st overseas battery component plant](#)

[Cobalt Prices Soar After Glencore Announces Shutdown of Key Mine](#)

[Study identifies main culprit behind lithium metal battery failure; counters conventional wisdom](#)



[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

[LG Chem signs deal to receive battery raw material from Tianqi Lithium's subsidiary in Australia](#)

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

[Volocopter presents design of future commercial air-taxi](#)

[Embraer presents electric airplane prototype](#)

[BYD enjoys 203% increase in profits as EV sales double](#)

[Carver trike makes comeback with electric drive](#)

[Harley-Davidson unveiled its first-ever battery-powered electric BICYCLE with pedal assist](#)

[Polestar opens first factory in China](#)

## ***Chargers News***

[Integrated fuel gauges for battery protection](#)

[GreenPack Starts Production of Battery Sharing System for LEVs](#)

[Maxim's Advanced Battery Protector Provides High Level of Safety in Accurate, Low-Quiescent-Current Fuel-Gauge ICs](#)

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

[Johnson Controls International : announces partnership with Capital Dynamics to help customers fund solar and battery storage projects](#)

[Saint John Energy Is Installing A Tesla Battery To Store Power And Save \\$15,000 A Month](#)

[Cummins Partners with the University of California San Diego on Second-Life Battery Development](#)

## ***Fuel Cells News***

[Proton Power Systems Forms Fuel Cell Joint Venture with Schäfer Elektronik GmbH](#)

---

## 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](http://www.f-cell.de)

---



The 2<sup>nd</sup> 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 12<sup>th</sup>, 2019, Co-located event is the 7<sup>th</sup> China International E-Waste & ELV 2019.

---



Ultra Fast Charging: Ultra Fast Charging Systems Conference, 16 - 19 September, 2019 | Hotel NH Collection Berlin Mitte am Checkpoint Charlie - Berlin, Germany, Join the discussion between Automotive and Energy Providers for developing an integrated approach to EV power supply for faster charging times and increased range. Reasons why you should join us:

- \* Benchmark vehicle charging architecture and off-board infrastructure developments to enable 50+kW charging
- \* Get a deeper understanding of high power charging landscape in Europe and Asia
- \* Discuss the applicable battery chemistry to allow High Power Charging
- \* Learn about the latest developments in demand management strategies on charging stations
- \* Discover power electronics to support 100-450kW charging

DOWNLOAD THE AGENDA:

[http://bit.ly/Agenda Ultra Fast Charging 2019](http://bit.ly/Agenda_Ultra_Fast_Charging_2019)



**24<sup>th</sup> 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](http://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.

---

**IBTE** 深圳锂电技术展  
International Lithium Battery Technology Exhibition

[IBTE](#) is the leading exhibition in Shenzhen specializes in the whole lithium battery industry, gathering the industrial chains from Lithium Battery Materials & Equipment & the Lithium Battery makers to EV & Charging Pile & Energy Storage & Fuel Cell and related industry, the show is dedicated to be the global purchasing platform for the prosperous development of Chinese new energy market. Join us to discover latest technology and new trends in China.

---

**FUEL CELL**  
SEMINAR & ENERGY EXPOSITION

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.

---





48V Conference: 7th International Conference: Automotive 48V Power Supply Systems, 11-14 November 2019 | Hotel Palace Berlin - Berlin, Germany, Automotive IQ presents the world's largest and longest running international conference with a pure focus on 48V case studies and experiences. After several years of investigating, planning, and optimizing the technology, 48V powered mild-hybrid cars are finally becoming a reality. Various OEMs are putting models— and not only in the premium segment – on the market. The next stage is to determine what more is possible and how to make this technology a standard for the mass consumer market. DOWNLOAD THE AGENDA:

[http://bit.ly/Agenda\\_48V\\_2019](http://bit.ly/Agenda_48V_2019)



4th Annual ASEAN Solar+ Energy Storage Congress & Expo 2019 has made its name as the largest congress focusing on solar and energy storage market in ASEAN region. This year, the event will be back to Manila on Nov 14-15, meanwhile, launching the region's first Floating Solar Summit "Floating Solar ASEAN 2019" as concurrent show.



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 11<sup>th</sup> International Conference on Lead-Acid Batteries [LABAT'2020](http://www.labatscience.com) will be held 9-12 June 2020 in the magnificent Golden Sands resort on the Bulgarian Black Sea coast ([www.labatscience.com](http://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 exhibitionfair will present a perfect opportunity to showcase your new products and services.

---



[49th Power Sources Conference](http://www.psc2020.com), 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.

**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)