



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

August 2, 2019, No. 500

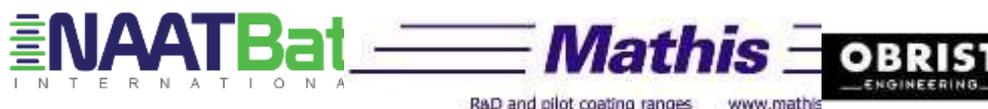
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Battery Training

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](#)

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

Batteries and Super Capacitors news

[Murata to Roll Out All-solid Battery With High Energy Density](#)

[New €500m German battery institute hit by 'scandal' over site decision](#)

[Startup aims to bring its porous silicon battery to EVs and grid storage](#)

[Volvo & Samsung to develop electric truck batteries](#)

[BioSolar Completes Testing and Analysis of its First Batch of Lithium-ion Battery Prototypes](#)

[Napino partners with US firm to make EV battery packs in India](#)

[GS YUASA'S LITHIUM-ION BATTERIES ARE INSTALLED IN JAPAN'S FIRST FULLY BATTERY-POWERED VESSEL "E-OSHIMA"](#)

[Microsoft's patent shows off a unique way of improving the battery life of future Surface Book devices](#)

[Method Discovered for Improving Fire Safety E-Bike Batteries](#)

[Global Safety Certifier UL Breaks Ground on China EV Battery Test Center](#)

[Startup Aims to Tackle Grid Storage Problem With New Porous Silicon Battery](#)

[Amplats and PGM to Develop Next-gen Battery Technology](#)

[Saft Cockeysville hosts Industry Day](#)

[Here's why Amara Raja Batteries, Exide Industries slipped over 20% in one year](#)

[Asian Li-ion battery recyclers dominate global market](#)

[China rejects lead waste shipment in crackdown](#)

[Ready to Scale, Eos Energy Storage Adds New Leadership](#)

Raw & Battery Materials news



Expanding Technology™

[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.

[European team discovers new top-performing solid-state fast ionic conductor for Li-ion batteries](#)

[Imec Doubles Its Solid-State Battery Energy Density](#)

[Hammond announces new additives to boost EFB performance](#)

A promotional banner for NEI Corporation. On the left, a green box contains the text "Cell Fabrication & Testing Services for Lithium Batteries" and "Coin & Pouch Cell Fabrication | Half & Full Cell Testing". To the right, there are images of various battery components: several small circular cells, a larger cylindrical cell, and a rectangular pouch cell. The NEI Corporation logo is in the top right corner, with a "Learn More" button below it.

[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

[Canada launches new \\$4.5M challenge to accelerate battery innovation; \\$1M grand prize](#)

[Ultrathin conformal polycyclosiloxane films to improve silicon cycling stability](#)

[Stora Enso Invests in Producing Bio-based Carbon Materials for Energy Storage](#)

[Belgium Scientists Discover New Battery Material for All-Solid Future](#)

xEV`S News

[Audi revs up to produce electric sports car e-tron GT](#)

[Chinese start-up Seres searching for UK battery partner](#)

[The Electric Aviation Revolution Has Begun](#)

[Curtiss' second e-motorcycle: Hades](#)

[Toyota & BYD to cooperate on EV production](#)

Chargers News

[The UK government wants to fit all new homes with charging points for electric cars](#)

[Best of Industry Award for Jungheinrich's cross-technology battery charger SLH 300](#)

Grid Energy Storage News

[Sonnen batteries tapped for "net energy positive" homes in Melbourne](#)

[NantEnergy, Alfen, celebrate commercial battery-plus-solar installs in US and Europe](#)

[Policy, costs and reform to power China's energy storage market future](#)

Fuel Cells News

[H2SHIPS project tests hydrogen shipping](#)



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](#) 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.



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](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). 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](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

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