



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

July 12, 2019, No. 497

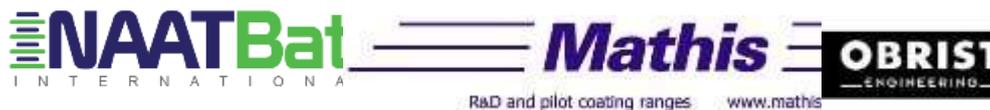
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### *Battery Training*

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

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

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

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

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

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25-26/11/2019, 2Days Battery Seminar, Zwolle, Netherlands, [Program](#)

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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***

[EAS Batteries reveals a hybrid module for marine craft](#)

[Plans to bring production of lithium-ion battery home to South Africa](#)

[Can India Beat China in Li-ion Battery Manufacturing and its Pricing?](#)

[United Launch Alliance rocket launch delayed by battery failure](#)

[China's battery giant to invest 2 bln USD in European plant](#)

[High Energy Density Miniature Solid-State Batteries](#)

[24M's semi-solid lithium cells going into production through Kyocera](#)

[Exide Technologies eyes growth after recapitalisation](#)

[SII Develops Worlds First\\*1 Reflowable MS Lithium Rechargeable Battery](#)



The [Battery&Power User Day](#) of DESIGN&ELEKTRONIK and Markt&Technik will take place in Munich on July 10 and 11, 2019. It provides the basics on batteries and charging concepts as well as AC/DC and DC/DC converters. Electronics developers and technical purchasers from industrial, medical, automotive and building automation will be prepared to make a qualified preselection and to ask further questions.

[Further rumours of Tesla's own battery production](#)

[Flux Power Seeks U.S. IPO Capital](#)

[Akasol lands on Detroit for new facility](#)

[Voltaiq survey on battery industry finds analytical challenges and resource constraints as major obstacles to product development](#)

[UK based company OXIS Energy goes into mass production of lithium sulfur cells](#)

[E-Cell Tech Pushing to Sell Its Business](#)

[CATL hikes investment in German battery plant](#)

[Tesla says Shanghai car fire caused by failed battery module](#)

[Apple MacBooks recalled for burning battery danger](#)

[EVE Energy and Shanghai Hanshun Shipping developing battery-powered bulk carriers](#)

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

[Lithium Werks to work together with UT after all](#)

[Novel electrodes enhance battery capacity](#)

[Wildcat Discovery Technologies Receives Second Patent for Silicon Anode Electrolytes](#)

[German battery cell production research centre situated](#)

[NZ battery tech could boost Nissan Leaf range by 200km](#)



**Cell Fabrication & Testing Services  
for Lithium Batteries**  
Coin & Pouch Cell Fabrication | Half & Full Cell Testing

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The advertisement features a green background with white text on the left. On the right, there is an image of various battery components, including several small circular coin cells and a larger rectangular pouch cell. The NEI logo is prominently displayed in the top right corner, with the text 'NEI Corporation' and 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

['High Purity Material' from American Manganese Lithium-Ion Battery Recycling Pilot](#)

[NovoCarbon positioning itself to become a key supplier of battery grade graphite in North America](#)

[A123 Systems and Ionic Materials Advance All Solid State Battery Development Using Solid Polymer Electrolyte with Conventional Lithium-ion Electrodes](#)

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

[Battery-powered BMW 5-Series quicker than 600HP M5](#)

[Beijing Powers Down Municipal Electric Vehicle Subsidies](#)

[NIO recalls nearly 5,000 electric SUVs after battery fires in China](#)

[Toyota to invest \\$2bn in Indonesia as electrification accelerates](#)

[Yamaha EC-05 battery-swappable electric scooter](#)

[HUSQVARNA MOTORCYCLES LAUNCH FIRST EVER ELECTRIC MOTORCYCLE, THE ALL-NEW EE 5](#)

[California regulates zero-emissions buses at airports](#)

[Turkey: Karsan reveals electric bus with BMW batteries](#)

[Fiat releases details on Ducato Electric van](#)

[Grimaldi cruise ferries go greener with Corvus "mega batteries"](#)

### ***Chargers News***

[Wireless-Charging VapeMons GearBox Vape Review](#)

[GBatteries Leverages AI & Intelligence To Amp Up EV Charging Speeds](#)

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

[Anesco completes latest battery storage project, boosting portfolio to 147MW](#)

[LADWP and Doosan GridTech Earn Global Solar + Storage Innovation Award for](#)

[The Beacon Solar Plant – 20 MW Battery Energy Storage System \(BESS\)](#)

[Eaton brings first lithium-ion UPS to A/NZ](#)

[Georgia Power wants to own and operate 80MW of battery ESS to ‘maximise value of renewables’](#)

[Fire at Arizona Energy Storage Battery Bank Draws Scrutiny](#)

## ***Fuel Cells News***

[France’s first refueling station for hydrogen buses opens](#)

[Cummins takes over fuel cell maker Hydrogenics](#)

[New project to develop battery and hydrogen powertrains](#)

[Pallinghurst earmarks \\$1bn for battery, fuel cell materials](#)

[Activity of fuel cell catalysts doubled](#)



Advanced Batteries, Accumulators and Fuel Cells No. 20, [www.abaf-brno.cz](http://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](mailto: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

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## 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

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### **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)

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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.

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**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.

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The [Nordic Battery Conference 2019](http://www.nordbatt.org) (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!

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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.

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[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](#).

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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/>



The International Energy & Power Supply Conference and Exhibition

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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## Shmuel De-Leon Energy Ltd

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/>

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The 11<sup>th</sup> 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](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.

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[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.

**Shmuel De Leon Energy**

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