

# Shmuel De-Leon Energy Ltd



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

September 13, 2019, No. 506

Sent to more than 160,000 Energy Storage industry members  
Serving the industry since 1/2010

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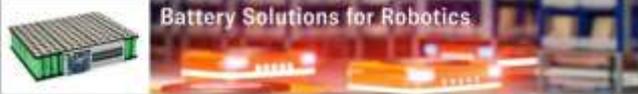
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**ABAA12 – International Conference**  
Advanced Lithium Batteries  
for Automobile Applications

6–9 Oct 2019  
Ulm | Germany

Battery Solutions for Robotics



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### ***Battery Training***

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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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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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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 fr free 30 days trial](#)

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

[Microsoft Investigating Surface Battery Drain Issues](#)

[Japan, Indonesia collaborate in testing e-bike, battery base operation](#)

[Mercedes and Vauxhall dealers come under fire over battery replacement charges](#)

[SK Innovation to sue LG Chem, LG Electronics in US over battery tech](#)

[Ganfeng Lithium to begin trial production of solid-state batteries this year](#)

[Toyota plugs into hybrid-vehicle battery recycling in Thailand](#)



[AMETEK Specialty Metal Products](#) manufactures **99.98% Purity Nickel Strip** made by wrought Powder Metallurgy technology. Our process produces high conductivity materials used in collectors and connector tab for many battery chemistries and offers major advantages in rechargeable battery production:

- Highest Conductivity Nickel
- Consistent Chemistry Control
- Standard and Custom Sizes & Tempers
- Short Lead-times
- Small Minimum Order Sizes

Find out more [here](#)

[Himachal Pradesh: Battery manufacturing unit catches massive fire](#)

[An Electric Scooter's Battery started a Fire in Norway Apartment](#)

[Creating batteries that could help power air travel](#)

[Lithium Ion battery plant in Gujarat to start mass production next year: MDs of Maruti Suzuki and Toshiba India in Ahmedabad](#)

[Maharashtra: Walmart and ATL send mega investment proposals to state amid economic lowdown](#)

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

[India Develops World's First Iron-Ion Battery](#)

[US Navy Includes Use of KULR Technology Solution in Proposed Battery Screening and Warehousing Program](#)

[SK, POSCO deepen business partnership](#)

[Goonvean fibres improving charge-acceptance of EFB](#)



[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

[Lithium prices are dropping due to "excess supply"](#)

[Cambridge startup claims breakthrough electric car battery that can charge in 6 minutes](#)

[Stanford-led team devises new coating for stable lithium-metal batteries](#)

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

[Buffett-Backed BYD Close to Battery Supply Deal With Audi](#)

[Demand for battery electric vehicles in Europe doubles in July; growth driven by Tesla and Renault](#)

[China Is Already Winning the Next Great Race in Electric Cars](#)

[ABB is employing Azipod for heavy-duty shipping](#)

[Quantum Air orders 26 e-aircraft from Bye Aerospace](#)

[Mahle presents flexibly applicable modular PHEV drive](#)

[Chinese Electric Bus Maker Eyes Bulgaria for Assembly and Battery Plant](#)

## ***Chargers News***

[The Chinese electric vehicle maker Nio, in a bid to win over new customers, is waiving the fees for something that could be a real selling point in the increasingly tight Chinese EV market: battery swapping.](#)

[Battery Management System with Optical Connectivity Ready for Production](#)

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

[Gresham House acquires stake in battery storage developer Noriker Power](#)

[Opinion - Given Eskom's current form, let's switch to a solar/battery option](#)

[Redflow to power Tasmanian farm with battery-powered microgrid](#)

[China's BYD and CATL eye Japanese storage battery market](#)

## ***Fuel Cells News***

[FlixBus and Freudenberg Working on Hydrogen Fuel Cell Buses](#)



[Battery NEXT](#) is a C-Level summit of top battery professionals and investors exploring the problems, solutions and technology developments in the advanced battery materials space. Come hear end users of batteries like

BMW and Facebook as well as next-gen battery startups and their suppliers. Battery NEXT will be held in beautiful Boulder, Colorado on September 17.

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**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)

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**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.

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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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Join Smarter Mobility Africa, in partnership with Department of Transport and Gauteng Provincial Government on 1-2 October in Pretoria. 100+ speakers, 500+ delegates, 40+ exhibitors and test drive the latest electric vehicles from BMW, Nissan, Jaguar, Toyota, and more. Book your summit pass here: [www.smartermobilityafrica.com](http://www.smartermobilityafrica.com)/ Or by contacting [tim.nel@generationehq.com](mailto:tim.nel@generationehq.com)

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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](#).



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.



[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.



International EV Batteries 2019: Cost-Effective Engineering for Hybrid and Electric Vehicles, London, United Kingdom, 5-6, November 2019  
[www.imeche.org/evbatteries](http://www.imeche.org/evbatteries) International EV Batteries 2019 will continue the discussion around the latest engineering design processes and best practice in battery application. Address the lifecycle of the battery from its initial design and manufacture to the end of life process. Discuss methods to manage battery use and application with OEMs, battery manufacturers, battery management systems providers and academic institutions.



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)

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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.

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

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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 exhibition fair 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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