



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

September 27, 2019, No. 508

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

### Our advertisers & sponsors



### Battery Training

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](#)

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

10/12/2019 Battery Safety Tutorial as part of 5th Annual Sensor Summit,  
San Diego, CA, USA, [Program](#)

---

21-22/1/2020 2nd Li-Ion Solid Electrolyte & Lithium Metal (Liquid & Solid  
electrolyte) Rechargeable Cells Manufacturing Seminar (USA). [Program](#)

---

19-20/2/2020 2nd Solid Electrolyte Li-Ion Cells Production Technology  
Seminar Europe, 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](#)

[Shmuel De-Leon Energy provide a new Battery Daily News Service - Sign up  
fr free 30 days trial](#)

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

[Amastan Technologies Expands Investment in Battery Product Development](#)

[Battery manufacturer acquired in MBO – poised for expansion](#)

[UK teams with Korea on space battery design](#)

[East Penn Invests In Commercial Truck Battery Technology](#)

[CATL reveals new cell-to-pack platform at IAA](#)

[Akasol lands large follow-up order for commercial vehicles](#)



[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](#)

[BMW Group Thailand is plugging in for Thailand's electric future with the local assembly of High-Voltage Batteries for BMW Plug-in Hybrid Vehicles](#)

[Bangladeshi battery busting boundaries: 25 local companies now exporting to 70 countries](#)

[Reliefed Technologies in collaboration project for development of 3D battery](#)

[Coin cell style EDLCs replace or extend battery life in on-board memory backup](#)

[Eveready's plan to sell battery business to pare debt tied in legal knots](#)

[Sandia abuses batteries for better energy storage](#)

[SK Innovation to supply battery for Ferrari plug-in hybrid](#)

[LG Chem, SK Innovation fail to make compromise over EV battery lawsuits](#)

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

[Eramet, BASF and SUEZ partner to develop an innovative closed-loop process for the recycling of lithium-ion batteries, responding to the strong growth of the market in the coming years](#)

[Tianqi starts lithium battery chemical production in Western Australia](#)

[FutureCat plugs into next generation of lithium-ion batteries](#)

[UGM Researchers Examine Recycling Lithium Batteries](#)

[Brazilian lithium producer Sigma in talks with Tesla, other automakers](#)

[Australia, Japan to collaborate on next-gen lithium batteries for global market](#)

[WACKER Acquires a Stake in UK Battery Materials Specialist Nexeon](#)

**Cell Fabrication & Testing Services  
for Lithium Batteries**

Coin & Pouch Cell Fabrication | Half & Full Cell Testing




Learn More

[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

[China Recycling Energy Corp Signs Letter of Intent to Acquire Xi'an Yineng Zihui Technology Co., Ltd.](#)

[CIC ENERGIGUNE AT LITHIUM BATTERY DISCUSSIONS "ELECTRODE MATERIALS" \(LIBD-9\)](#)

[Celgard Successfully Sues Targray on Infringement of Celgard's Ceramic Coated Battery Separator](#)

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

[Mahindra Electric Receives EV Development Support From Dassault Systems](#)

[Daimler to source lithium ion battery cells from Farasis Energy](#)

[VW announces €399 ID.3 Wallbox charger](#)

[Stuttgart sees first urban flight of Volocopter in Europe](#)

[Ashok Leyland eyes e-Mobility JV with Michelin, Marubeni](#)

### ***Chargers News***

[Ion Energy launches Edison Analytics battery intelligence platform](#)

[Multi-cell battery monitor measures up to 15 series-connected battery cells](#)

[UK sets aside £400 million for fast charging infrastructure](#)

[Lincad launches Four Channel Caravel Mk2 charger with orders from UK Ministry of Defence](#)

[Rhombus Energy Solutions Releases White Paper on Designing Reliability into Electric Vehicle \(EV\) Fleet Charging Systems](#)

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

[LA backs record-breaking solar and battery plant](#)

## Fuel Cells News

[Fuel cell vehicle or battery vehicle](#)

[Valmet founds centre for fuel cell competence](#)



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@generationhq.com](mailto:tim.nel@generationhq.com)



**Advanced Lithium Batteries for Automobile Applications**

**ABAA 12**

6 - 9 October 2019 in Ulm, Germany

The outstanding programme includes over 40 talks by top speakers from industry, science, and politics, as well as poster sessions that will cover the whole value chain for automotive Li-ion batteries. Furthermore the scientific programme is accompanied by an industrial exhibition and social programme.



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, accommodaion, 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.batteriesevevt.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)



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.

## 11th Int'l Rechargeable Battery Expo **BATTERY JAPAN**

[BATTERY JAPAN 2020](#) is the Japan's largest B-to-B trade show for rechargeable battery industry to be held in Tokyo. The show scale has been increasing year after year and we are expecting to welcome 1,600\* exhibitors & 70,000\* visitors from all over the world. (\*incl. concurrent shows) Exhibit & Visit the show to expand your business in Japan and Asia!



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](#) 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](#), 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)

