

# Shmuel De-Leon Energy Ltd



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

December 6, 2019, No. 518

Sent to more than 150,000 Energy Storage industry members  
Serving the industry since 1/2010

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**NAATBatt**  
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### ***Battery Training***

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14/1/2020 Battery Safety Tutorial as part of AABC Europe, Wiesbaden,  
Germany [Program](#)

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

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10/2/2020 Battery Safety Tutorial as part of NAATBatt 2020 Annual Meeting &  
Conference, Pasadena, CA, USA [Program](#)

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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 for free 30 days trial](#)

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

[Battery manufacturer Microvast follows Tesla to Brandenburg](#)

[Electrovaya Announces New Corporate Head Office and Provides a Business Update](#)

[Panasonic: No Plans For Battery Production For Tesla In China](#)

[Another battery production facility to be built in Germany](#)

[LeydenJar to open pilot plant for high energy density batteries](#)

[Battery Giants Hit By Slump in China's Electric Vehicle Market](#)

[Finland: Valmet plans large-scale battery production](#)

[Corvus Energy Signs Deal With SEC Marine to Supply Energy Storage System for World's First Hybrid Surface Effect Ship for Crew Transfer](#)

[BMW is buying billions worth of batteries from CATL and Samsung SDI](#)

[Indonesia says LG Chem eyes \\$2.3 bln investment for battery plant](#)

[Enconnex Acquires Active Energy Solutions Division of Methode Electronics, Inc.](#)

[Battery Industry Leaders Invest \\$18 Million in Seattle Start-up: Group14 Technologies to Scale Li-ion Anode Material That Promises 30% Improvement in Energy and Cost](#)

[Licerion® Lithium Metal Cells Pass UN 38.3 Certification](#)

[Government-backed start-up Aceleron to roll out 4,000 batteries to Kenya](#)

[Total investment of 2.5 billion yuan \\* ST Lion plans to build 5GWh High-end Lithium Battery production Project in Sanmenxia](#)

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

[American Manganese Inc. Reports 99.977% Purity from Recycled Lithium-ion Battery Material](#)

[Solvay to more than double its SOLEF® PVDF capacity in China to meet booming demand in lithium batteries](#)

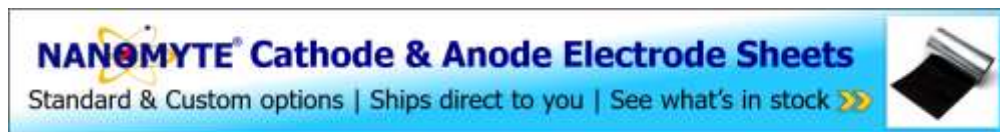


[Dexmet Corporation](#) ultra-thin expanded MicroGrid® metal foils are engineered for advanced battery, capacitor and energy storage application. Our process allows us to control the thickness, weight, open area and conductivity of the expanded material. Our material is commonly implemented as anode and cathode current collector screens, and as support structures for active material in modern battery applications.

[Johnson Matthey acquires battery anode material IP assets from 3M](#)

[CALIX LAUNCHES \\$2.7 MILLION REACTOR FOR ADVANCED BATTERY MATERIALS](#)

[Posco aims for 20% share in global EV battery materials market as steel demand sags](#)



[NEI Corporation](#) supplies cathode and anode electrode sheets for lithium-ion batteries in packages of 2, 5, and 10 sheets. Standard sheets are ready-to-ship or can be customized to your specification. Request your quote today!  
<https://www.neicorporation.com/products/batteries/cathode-anode-tapes/>

[Teijin signs license agreement with Shanghai Energy to develop EV battery separators](#)

[Research and Development of New method of low cost and High performance cathode material for Lithium Battery by Nano One](#)

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

[Skoda begins manufacturing the Citigo e iV](#)

[Tesla's Cybertruck revealed](#)

[EV technology challenges discussed at VDMA symposium](#)

[Freudenberg Joins New Partnership to Support Emission-Free Mobility in the U.S](#)

[VW invests more in making electric cars in China](#)

[Best Electric Cars In India - From Tata Tigor EV to Hyundai Kona Electric](#)

### ***Chargers News***

[Webasto announces modular battery system, thermal management and charging solutions](#)

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

[South Australia's big battery to become 50 percent bigger](#)

[Lockheed Martin locked onto 2020 flow battery launch](#)

[Battery innovation partnership to promote energy storage research](#)

### ***Fuel Cells News***

[Ulstein concept for fuel cell construction vessel](#)

[Michelin & Faurecia launch fuel cell joint venture](#)

[Horiba FuelCon expands German factory](#)



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



[AABC Europe 2020 conference, Wiesbaden, Germany – 12-16/1/2020](#)

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Amprius and Shmuel De-Leon Energy will organize the [Amprius Forum Battery Event](#) to present Amprius company and products to invited attendants. 20/1/2020, Fermont, CA, USA



NAATBatt 2020, the 11th annual meeting of NAATBatt International, will be held February 10-13, 2020, at the Langham Huntington Pasadena hotel in Pasadena, CA. The program will focus on the advanced battery market in North America across multiple applications, including motive, ESS, military, consumer and industrial. The latest market trends, forecasts and technologies will be reviewed by leading experts in advanced battery markets and technologies. See: <https://naatbatt.org/2020conference/>



Join the most insightful and innovative conference in Europe and be part of the newest technological advancements in electric motor technologies. *Automotive IQ* is due to hold the: [8th International Conference Advanced E-Motor Technology 2020](#), between the **10-13 February 2020** in Titanic Chaussee Berlin in Germany.

At the conference you will learn about:

- Learn about the **latest testing methods** and **optimization workflow** for **e-motor design**
- Get to know ways to **optimize energy management** and increase **range of autonomous EVs**
- Hear achievements shared by the industry committed to being **fully electric** with lessons learned and case studies from OEMs and Tier1 suppliers
- Meet leading OEMs from Europe and Asia and hear their views on the **e-motor architecture** and **design**
- Get to know **leading car makers** and e-motor manufacturers and hear about their **latest innovations** in the space

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**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!

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f-cell+HFC April 1+2, 2020 The Hydrogen and Fuel Cell Event being held at the prominent Vancouver Conference Centre. 50+ International Speakers, Trade Fair, Workshops and a celebrated Evening Event are included. Participate as a Sponsor, Exhibitor, or as a Visitor at this Canadian highlighted networking event. Follow us on social media #fcellhfc and watch the options grow on our website [www.hyfc.com](http://www.hyfc.com)

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[International Battery Seminar & Exhibit conference 2020, Orlando, FL, USA – 30/3-2/4, 2020](#)

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The Battery Technology Show & Future of Electric & Hybrid Vehicles, 21-23 April 2020

Co-located with WCX in Detroit, The Battery Technology Show brings together thousands of delegates to discover the latest developments. The event's two conference tracks will also allow visitors to hear from some of the leading companies and individuals shaping the forthcoming revolution.

[www.batterytechnologyusa.com](http://www.batterytechnologyusa.com)

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You have the technology to make Electric & Hybrid Aircraft fly. But what about commercial viability, certification & implementation? Join the discussion on the reality of electrification of PAM, UAM, regional & narrow-body aircraft at our: **ELECTRIFICATION OF AEROSPACE DAYS EUROPE/E & H AIRCRAFT South of France 2020 27.-28.04.2020, Toulouse, France:**

<https://aerospace.euveris.eu/electric-eu/>

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# THE BATTERY SHOW

## EUROPE 2020

[Battery Show Europe conference 2020, Stuttgart, Germany – 28-30/4/2020](#)

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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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11<sup>th</sup> International Conference on Lead-Acid Batteries

9-12 June 2020, Golden Sands, Bulgaria

**LABAT'2020**

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.



The eleventh International Flow Battery Forum will be held in Düsseldorf, Germany from 30<sup>th</sup> June – 2<sup>nd</sup> July 2020. The IFBF is the major international conference covering all aspects of flow battery research, development, technology, manufacturing and commercialization. Volterion and John Cockerill will be hosting visits to flow batteries after the conference. **The call for papers opens on 1 December 2019:** <https://flowbatteryforum.com/call-for-papers/>

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Battery Cells & System Expo 2020 - A major exhibition and conference for the advanced battery industry launches on 8th - 9th July 2020 at the NAEC Stoneleigh, Warwickshire UK. This international showcase of manufacturers, users and the entire supply chain working to increase battery performance, cost and safety will gather in the heart of UK manufacturing.

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### **f-cell Stuttgart, September 29+30, 2020 – the annual event for hydrogen and fuel cell professionals**

The networking event consists of a leading conference, providing an up to date overview of relevant hydrogen and fuel cell markets and technologies worldwide; an international trade fair, interactive workshops and topic tables, thus offering active 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 Battery Technology Show, 21-22 October 2020**

The leading event for battery and EV innovation in the UK, now in its third year attracting companies from around the world Our two conference tracks - The Future of Battery Technology and The Future of Hybrid & EV - allow delegates to hear from the leading protagonists in battery technology in the heart of the UK's automotive and manufacturing base.



[www.batterytechnologyshow.com](http://www.batterytechnologyshow.com)

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