



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

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### ***Battery Training***

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

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

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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 fr free 30 days trial](#)

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

[Indian Oil to place its bet on metal-air battery technology over lithium-ion](#)

[Forsee Power unveils its new portable Go 1.6 battery for the light mobility market](#)

[Energizer expanding manufacturing in Dayton, moving distribution to Monroe](#)

[Mahle Unveils New 48-Volt Battery Prototype For Mild-Hybrids](#)

[Moixa breaks 10k battery milestone in Japan](#)

[New battery could provide substantial power to U.S. soldiers without risk of fire](#)

[Light illuminates faster battery charging](#)



[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](#)

[Argonne collaborates to review current battery recycling processes for electric vehicles](#)

[Electronics recycler to open battery recycling facilities](#)

[EV battery gigafactory in Poland granted €250m](#)

[Profiles in Connecticut innovation: High-energy Cadenza makes power storage more efficient](#)

[Africa commits to batteries development, particularly lithium-ion](#)

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

### **CHINESE FUNDING TO COMMERCIALISE NEW BATTERY**

[Cobalt, lithium prices under new round of pressure amid ternary battery output cuts](#)

**NANOMYTE® Cathode & Anode Electrode Sheets** 

Standard & Custom options | Ships direct to you | See what's in stock >>

[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/>

[Albemarle warns of 'challenging' lithium market through next year](#)

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

[Suzuki Motor may soon start testing its electric scooter in India](#)

[Tesla Model S Plaid will get an even bigger battery, Musk says](#)

[Tevva launches initiative to deploy electric trucks across Europe](#)

[Tesla readies for Made-in-China Model 3 launch](#)

[VW breaks ground on US electric car production site](#)

[What's driving the electric bus boom in Poland?](#)

[Peugeot is launching their electric Expert in 2020](#)

[Chevrolet Menlo EV makes global premiere in China](#)

[NASA X-57 Maxwell Unveiled As NASA's First All-Electric Airplane](#)

### ***Chargers News***

[BMW and TenneT present smart charging](#)

[Samsung develops a battery that could charge your phone in just 12 minutes](#)

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

[New Flow Batteries Could Accelerate an Electrical Grid Powered by the Sun and Wind](#)

[Israeli Start-up Chakratec developed mechanical battery – view](#)

[Second life lithium battery storage in Kenya to come in at 'half the cost' of lead acid](#)

[Bushveld group advances vanadium redox flow battery plans through Enerox deal](#)

[BASF and NGK to partner on developing the next generation of sodium-sulfur batteries](#)

[German bank Sparkasse turns to Saft lithium-ion backup technology for its data center](#)

[Major Battery Storage Facility Planned in Goleta](#)

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

[ExxonMobil, FuelCell Energy expand agreement to optimize carbonate fuel cell technology for large-scale carbon capture](#)

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

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

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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/>

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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.hyfcell.com](http://www.hyfcell.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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[Battery Show Europe conference 2020, Stuttgart, Germany – 28-30/4/2020](#)

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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.

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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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