



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

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Battery Training

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](#)

14/1/2020 Battery Safety Tutorial as part of AABC Europe, Wiesbaden.

Germany [Program](#)

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

10/2/2020 Battery Safety Tutorial as part of NAATBatt 2020 Annual Meeting & Conference, Pasadena, CA, 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 for free 30 days trial](#)

Batteries and Super Capacitors news

[Germany asks EU to OK battery cell plant as part of €1bn scheme](#)

[Lithium Werks' Marine Technology Puts Safety First](#)

[Pivotal buys bi-polar technology with goal of making cheaper lead-acid batteries](#)

[Samsung SDI develops special fire extinguishing system for ESS](#)

[Toyota Extends Warranty On Hybrid Battery To 10 Years](#)

[EU investigates Hungary's aid to Samsung battery plant](#)

[Briggs & Stratton introduces electrification solutions, new single-cylinder engines at GIE+EXPO](#)

[E-car batteries as much as ten percent smaller](#)



[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](#)

[KULR Technology Provides Battery Safety Solutions For Leading Electric Aircraft Company](#)

[Apple flexes India muscle with locally sourced battery packs](#)

[Nobel Prize winner says battery recycling key to meeting EV demand](#)

[A Fire in the Battery Room](#)

Raw & Battery Materials news

[Nanoramic Laboratories Kicks Off "Neocarbonix™ World Tour" to Launch Groundbreaking Electrode Technology](#)

[New electrolyte improves the performance of next-generation lithium battery](#)

[European consortium wants to improve lead battery technology](#)

[JOHNSON MATTHEY TO OPEN BATTERY APPLICATION CENTRE](#)



[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/>

[Deyang Qu awarded \\$1.25 million for lithium-ion battery research](#)

[Solid-electrolyte-based liquid Li-S and Li-Se batteries can deliver up to 500 Wh/kg](#)

[Arkema to increase Kynar® fluoropolymer capacities at its Changshu plant, China](#)

xEV`S News

[Low-profile underfloor battery demonstrates Cummins' investment in new innovations in electrified power](#)

[UK: Peugeot opens books for four new hybrid cars](#)

[Hyundai planning new electric crossover for Europe first](#)

[Automotive battery-maker Exide forays into manufacture of e-rickshaws](#)

[Electric truck start-up Einride to expand to USA](#)

[Dyson discontinues electric car project](#)

[Latin America's First Electric Truck to Come With Chinese CATL Batteries Next Year](#)

Chargers News

[KEMA Laboratories to Change Ownership from DNV GL to CESI](#)

[Start-up of The Day: Fast-charging of electric cars anywhere, powered by kinetic energy](#)

[PROTERRA LAUNCHES MULTI-DISPENSER CHARGING SOLUTION FOR HEAVY-DUTY ELECTRIC VEHICLE FLEETS](#)

[CTEK and Cadex Forge Partnership, to Redefine Automotive Battery Diagnostics](#)

Grid Energy Storage News

[Eskom: 75% renewable energy battery storage will be in Western Cape](#)

[Rolls Royce opens microgrid validation center in Germany](#)

[Pacific Corp unveil plans to replace coal plants with 2.8GW of battery storage](#)

[Tesla-based battery project launched in Slovenia](#)

[Tesla to start Powerwall home battery installations in Japan](#)

[Battery storage sector's new safety standards](#)

Fuel Cells News

[U.S. Department of Energy and U.S. Army Collaborate to Develop Hydrogen Fuel Cell Vehicle Technology for Emergency Disaster Relief](#)

[Freudenberg to deliver fuel cells for cruise ships](#)

[S. Korea to build 3 hydrogen-powered cities by 2022](#)

[China to halt FCEV subsidies in 2021](#)



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 深圳锂电技术展
International Lithium Battery Technology Exhibition

[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**
5-6 NOVEMBER 2019
LONDON

The image shows the text for the International EV Batteries 2019 exhibition in London. To the right of the text is a photograph of a yellow battery pack being handled by a person wearing a red glove.

International EV Batteries 2019: Cost-Effective Engineering for Hybrid

and Electric Vehicles, London, United Kingdom, 5-6, November 2019 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



[eMove360° ASIA Conference 13-15/11/2019](#)



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.



[NASA Aerospace Battery Workshop 2019 conference, 19-21/11/2019](#)



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](#)



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/>

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!



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



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



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 11th 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). 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.



[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.



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.

Shmuel De Leon Energy

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