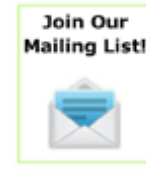




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### Upcoming Events



The Batteries, Fuel Cells & EV Seminar is presented by Shmuel De-Leon Energy, Ltd., in different locations world wide. Topics include: Battery characteristics, Primary cells & batteries, Rechargeable cells & batteries, Battery chargers, Thermal & Reserve batteries, Battery design processes, Battery design optimization using the Energy Sources Database, Battery resistance welding, Battery safety, Battery air transportation, Battery disposal, the "Smart Battery", Battery testing systems, Battery holders, Fuel cells, Fuel cells testing systems, Ultra capacitors, Purchasing issues, Literature and resources. [Seminars Web Site](#)

Schedule	Location	Local Partner	Program	Contact Details for Registration
5-6/12/2011	Berlin, Germany (English)	<a href="#">Enerdan</a>	<a href="#">Program</a> <a href="#">Agenda</a>	Mr. Assi Rutzki <a href="mailto:rutzki@enerdan.de">rutzki@enerdan.de</a>
8-9/1/2012	Israel (Hebrew)		<a href="#">Program</a> <a href="#">Agenda</a>	Mrs. Sigalit De-Leon <a href="mailto:sigalit@sdle.co.il">sigalit@sdle.co.il</a>
20-21/2/2012	Vimercate, Italy (English)	<a href="#">Genport</a>	<a href="#">Program</a> <a href="#">Agenda</a>	Mr. Paolo Fracas <a href="mailto:Paolo.fracas@genport.it">Paolo.fracas@genport.it</a>
2-3/5/2012	Chesterton, U.K (English)	<a href="#">Accutronics</a>	<a href="#">Program</a> <a href="#">Agenda</a>	Mr. Neil Oliver <a href="mailto:neil.oliver@accutronics.co.uk">neil.oliver@accutronics.co.uk</a>
10/2012	Las-Vegas, USA (English)	<a href="#">The Knowledge Foundation</a>	<a href="#">Program</a>	Mr. Craig Wohlers <a href="mailto:cwohlers@knowledgefoundation.com">cwohlers@knowledgefoundation.com</a>

## EV JAPAN 3rd EV & HEV Drive System Technology Expo Jan. 18-20, 2012 @Tokyo

EV JAPAN, 3rd EV & HEV Drive System Technology Expo, Dates: January 18th - 20th, 2012 / Venue: Tokyo Big Sight, Japan, Organized by: Reed Exhibitions Japan Ltd.  
Held inside: AUTOMOTIVE WORLD 2012, Held at the center of the world's EV & HEV development race. The event gathers 500\* Exhibitors and 35,000\* Visitors from all over the world. (\* expected)  
To grab the chance in the most booming and most promising market, exhibit at EV JAPAN! [Expo Web Site](#) Email: [car@reedexpo.co.jp](mailto:car@reedexpo.co.jp)



At Hybrid & Electric Vehicles Forum, February 1st-2nd 2012, Prague, Czech Republic you will hear how the industry leaders implemented practical solutions in designing and using hybrid & electric vehicles and learn about the advances & challenges of battery development as well as standards and regulations within the industry.

Homepage: <http://transport.flemingeurope.com/hybrid-electric-vehicles-forum/>, Contact: Alexandra Spirova, [alexandra.spirova@flemingeurope.com](mailto:alexandra.spirova@flemingeurope.com)



Top level commercial and technical experts from vehicle OEMs including Toyota, Vauxhall Motors, Nissan, Renault, Jaguar Land Rover, Porsche Engineering, Detroit Electric, Optimal Energy, Aston Martin, Liberty Electric Vehicles and more meet at EV Battery Tech to Benchmark Breakthroughs On Reducing The Costs Of EV Battery Systems: From Materials & Chemistries To Technology Integration. Full agenda, speaker information and registration: [www.ev-battery-technology-2012.com](http://www.ev-battery-technology-2012.com)

## POWERSOURCES.NET

THE 29th INTERNATIONAL BATTERY SEMINAR & EXHIBIT in Fort Lauderdale, Florida - March 12-15, 2012 Fax, Mail, Call, E-Mail To: Florida Educational Seminars, Inc., Mr. Thomas DeVita 2300 Glades Road, West Building Suite 260, Boca-Raton, FL 33431 Tel: 561-367-0193, Fax: 561-367-8429, [Seminar Web Site](#), E-Mail: <mailto:Powersourcesnet@aol.com>

Shmuel De-Leon  
Energy Ltd



Start Registration Now

The 2nd Israeli Power Sources Conference (Batteries, Fuel Cells & EVs) will be held in the Daniel Hotel Herzelia , May 31st , 2012 – [Program download](#)



The 45th Power Sources Conference, Bally's Las Vegas Hotel, Las Vegas, Nevada, June 11-14, 2012. The meeting will focus on energy generation and storage technology (largely, but not exclusively, electrochemical), which is of interest to the DoD, other Government agencies, and to the civilian marketplace. The orientation will be toward devices, in addition to contributions on prototype development, manufacturing technology, device and systems engineering, and economic and environmental considerations. <http://www.powersourcesconference.com/>  
For information on exhibiting or attending, please email [mklein@pcm411.com](mailto:mklein@pcm411.com). For information on attending, please email [gnatera@pcm411.com](mailto:gnatera@pcm411.com)

## THE BATTERY SHOW

The Expo for Advanced Batteries

The Battery Show, 13-15, November 2012, Novi, Detroit, Michigan, USA. The Battery Show is providing a global platform to showcase the advances in large scale advanced batteries for electric vehicles, grid support and alternative energy enhancement. The FREE to attend expo will highlight innovation right across the supply chain, The Battery Show trade show & conference will showcase developments in raw materials right through to battery pack systems, demonstrating each crucial element in improving battery performance, safety and cost. [The Battery Show website](#), [Exhibitor List](#),  
For more information contact: Mr. Adam Moore TEL: +44 1306 871304,  
[Adam.Moore@smartershows.com](mailto:Adam.Moore@smartershows.com)

Also [download here](#) an updated list of all industry upcoming events. [Click here](#) for advertising in the upcoming events list.

### Business Opportunities

Opportunity 1: A European automotive engineering company with very efficient EV battery thermal management technology is looking for EV Battery makers that are interested in engineering services and licensing the technology for their EV battery design. Please contact Shmuel De-Leon for more details: [shmuel@sdle.co.il](mailto:shmuel@sdle.co.il)

Opportunity 2: Shmuel De-Leon Energy is looking for companies that would like to license our battery database to be sold together with their product as a package. <http://www.sdle.co.il/Default.asp?sType=0&PagelId=45580> Please contact Shmuel De-Leon for more details: [shmuel@sdle.co.il](mailto:shmuel@sdle.co.il)

Opportunity 3: Lithium primary cells developer is looking for a new medical industry customers that needs a powerful primary spiral lithium small size cells (diameter <10 mm, length <8mm) for their application as a replacement to the current silver zinc small coin cells. Please contact Shmuel De-Leon for more details: [shmuel@sdle.co.il](mailto:shmuel@sdle.co.il)

Opportunity 4: Shmuel De-Leon Energy is looking for power sources industry companies that would like to be represented in Israel. Please contact Shmuel De-Leon for more details: [shmuel@sdle.co.il](mailto:shmuel@sdle.co.il)

### Battery News

[EnerDel parent receives \\$4.5M in short-term debt financing](#)

[PolyPlus Lithium Battery Named One of TIME Magazine's Top Inventions for 2011](#)



**TADIRAN BATTERIES**

TLI - Secondary Battery by Tadiran – The best solution for low power energy harvesting storage. Contact: <http://www.tadiranbat.com/> , Mr. Koby Pinsky, [pinsky@tadiran-batt.com](mailto:pinsky@tadiran-batt.com) ,Tel: 972-8-944-4503

[A123 26650 LPF cell with increased capacity of 2.5AH](#)

[The Battery Show 2012 to return to Detroit with expansion](#)



Contour Energy BR2032



Contour Energy can provide standard and custom high rate coin cells solutions for your advanced application. Contour Energy Systems is a leading innovator of advanced battery technologies leveraging materials, science breakthroughs and patented manufacturing processes for the development of next-generation primary and rechargeable battery systems.

Contact: [www.contourenergy.com](http://www.contourenergy.com) Mr. Joe Carcone, [joseph.carcone@contourenergy.com](mailto:joseph.carcone@contourenergy.com) , Tel: 626-610-0660 ext. 203

[Japan Vs. South Korea In The Lithium-Ion Battery War](#)

[Enfucell wins new EU funding](#)



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Epsilor-Electric Fuel Ltd. – a world class manufacturer of batteries and chargers for the military, aerospace, medical and industrial markets. Epsilor is pleased to announce the release of a new website with updated information on products and services. Contact: <http://www.epsilor.com> , Mr. Yuval Nir, [yuval.n@electric-fuel.com](mailto:yuval.n@electric-fuel.com), Tel: 972-8-6556280, 972-2-9906666

[Columbia Sportswear Recalls Omni-Heat Lithium-Polymer Rechargeable Batteries](#)

[Demand Spike for Backup Power Systems Stokes Growth in the Stationary Lead Acid Battery Market Finds Frost & Sullivan](#)

[25 battery breakthroughs for gadgets, electric cars & the grid](#)

[Panasonic: to supply batteries for Toyota Prius hybrid](#)

[A123 cuts jobs at battery plant touted by White House](#)

#### Battery Raw Materials News

[BASF creates new global business unit for battery-related e-mobility activities](#)

[PNNL, Vorbeck Materials sign option agreement to increase lithium-ion battery storage capacity](#)



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Welcome to DAIICHI JITSUGYO (AMERICA), INC. Our Energy Equipment Solutions Division provides a complete solution for manufacturing equipment in various energy storage applications...Including LiB, Ultracapacitors, Fuel Cells and Solar Cells. DJA-EES provides equipment solutions in Material preparation, Electrode Manufacturing, and Cell Assembly Processes. Please visit [WWW.DAIICHI-EES.COM](http://WWW.DAIICHI-EES.COM) to see the DOYA COATER with patented “NANO-STEAM” technology.

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[Hitachi Chemical to buy up Shin-Kobe Electric](#)

[A Magnesium Battery? Khosla, ARPA-E Explore Lithium Alternative](#)

[MIT team provides insight into OER reaction in Li-air batteries to help improve performance](#)



[Targray Technology](#) offers cutting-edge materials to Lithium-ion cell manufacturers. Our high-performance materials are optimized to satisfy key parameters of power, energy density and lifetime for manufacturers that provide solutions to the xEV, Energy Storage, Defense and Mobile Power

markets. Maximize your quality and reliability for Raw Lithium, Anode & Cathode Active Materials, Electrolyte, Separators, Binders, Foils, Laminate Pouches/Film and Prismatic Cans. Visit us at our website [Targray Lithium ion Battery Materials](#)

#### xEV News

[Taiwan launches Smart Electric Cars Pilot Project to promote green vehicles](#)

[All-electric SM3 planned for 2012](#)

[Polaris acquires EV company Goupil Industrie](#)

[NHTSA opens formal safety defect investigation of post-crash battery-related fire risk in Chevy Volts](#)

[California ARB announces \\$11M FY2011-12 Hybrid Truck and Bus Voucher Incentive Project solicitation](#)

[Report: Toyota and BMW discussing broad partnership; diesel and hybrid technologies](#)

[Mitsubishi Motors launching new MINICAB-MiEV commercial electric vehicle in Japan; choice of two battery packs](#)

[Quality and safety standards discussed at 4th EV Battery Forum](#)

[Daimler, BYD to show concept EV at 2012 Beijing auto show](#)

[Electric Cars Poised To Overcome Their Biggest Hurdle](#)

[Honda's Tokyo Show Concepts Include Small Electric Sports Car](#)

[Fisker Karma Achieves 112 MPG In European Tests](#)

[Arctic Whisper fast-charged extended range electric bus enters passenger service](#)

[NHTSA releases Chevy Volt fire investigation details](#)

[Fisker says Karma will meet 15,000 production target for 2012](#)

[BMW, Toyota to work on electric car batteries-source](#)

#### Chargers News

[Japanese companies form EV charging group](#)

[ABB installing electric-vehicle fast chargers at BP service stations in Netherlands](#)



Custom smart rechargeable batteries & chargers for medical & military applications.  
Contact: <http://www.schneider.co.il/en/products.php?ct=2&ar=1&g=29> Mr. Kobi  
Shemesh: [kobi@schneider.co.il](mailto:kobi@schneider.co.il) Tel: +972-9-8924444, Mobile: +972-52-8501182

[Wireless EV Charging To Get Qualcomm Test](#)

[EV battery management essential for desired lifetime and charge cycles](#)



RRC - Total power solutions ranging from battery chargers to wireless charging.  
<http://www.rrc-ps.com/> and <http://www.rrc-wireless-power.com/>

[Next generation Qi compliant wireless power and data transfer evaluation-kit](#)

[GS Yuasa Launches "PV-EV System" Quick EV Charger for Disaster Response](#)

[Nissan begins Japan sales of new quick charger for EVs; targeting sales of 5K units by March 2016](#)

#### Testing Equipment News



Arbin Instruments is proud to celebrate 20 years of service in the energy storage automated testing instrumentation market. We offer standard and customized testing solutions for a wide variety of energy storage devices such as batteries, super capacitors, and fuel cells. Contact: [www.arbin.com](http://www.arbin.com), Mr. Antony Parulian, [antony.p@arbin.com](mailto:antony.p@arbin.com) Tel: +1-979-690-2751  
For sales in Israel please contact Shmuel De-Leon, [shmueld33@gmail.com](mailto:shmueld33@gmail.com)



As demands on battery performance increase, so do demands on the systems designed to test them. Gamry appreciates the challenge and is equipped today to test the power systems of tomorrow. Contact: [www.Gamry.com](http://www.Gamry.com), Mr. Burak Ulgut, [bulgut@gamry.com](mailto:bulgut@gamry.com), Tel: 1-877-367-4267  
For sales in Israel please contact Shmuel De-Leon, [shmueld33@gmail.com](mailto:shmueld33@gmail.com)



TDI Power Joins ANSI Electric Vehicle Standards Panel, Contact: <http://www.tdipower.com/>, Contact: Ms. Heather Maguire, [heather.maguire@tdipower.com](mailto:heather.maguire@tdipower.com), Tel: 908-850-5088

[TDI Power Ships 100th Power System for Chrysler Ram PHEV](#)

#### Grid Energy Storage News

[Axion Power's PbC PowerCube battery energy storage system integrated into PJM utility grid](#)

[Advanced Energy Storage Technologies by Type, Applications & Strategic Opportunities \(2011 – 2016\)](#)



<http://nation-e.com/>, Tel: 0041 55 410 71 55

[Electric Vehicle as Backup Battery for House](#)



Inverters, converters, UPS systems, Laor Energy, Ltd. <http://www.laor-energy.com/>, Ms. Einat Nave, [Einat@laor-energy.com](mailto:Einat@laor-energy.com), Tel: 972-9-8912232

#### Fuel Cells News

[Hyundai joins European fuel cell electric vehicle demonstration program, H2moves Scandinavia](#)

[Univ. of Oregon chemists develop liquid-based hydrogen storage material](#)

[Santa's warehouse workers go green with fuel cells](#)

[Fuel cell vehicles from 2014 onwards, but infrastructure is needed](#)

[Global Fuel Cell Industry to Expand Rapidly Through 2017](#)

[Anglo American Platinum to Demonstrate Fuel Cell at COP17](#)

[Hydrogenics Awarded Swiss Electrolyser Order by Air Liquide](#)

[Proton Power Announces Service Contract for Fuel Cell Ferry](#)

[Advanced Materials to Support UK's Future Energy Technologies](#)

[Media Advisory: Technology Demonstration to Showcase Leading-Edge Fuel Cell Capabilities on Board Static Boeing 737 Aircraft](#)

[Ceramic Fuel Cells Limited : E.ON and JTI order 105 units](#)

[In Japan, Fuel Cells Offer Employment and Economic Hope](#)

[Rochester startup wins grant to develop cheaper fuel cell](#)

[Fuel Cell Carmakers and Industry Highlight Zero Emission Mobility](#)

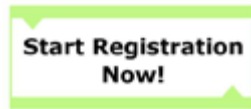
[Grid Problems Boost Fuel Cell Market](#)

**Ultra Capacitors & Flywheels News**

[Mazda to begin deployment of i-ELOOP ultracapacitor-based regenerative braking system for passenger vehicles in 2012](#)

**Power Sources DataBase**

Shmuel De-Leon Energy, Ltd. Power Sources DataBase includes more than 29,000 cells, batteries, fuel cells, chargers, Datasheets with full search capabilities. The user can search the database with a search engine using technical or other parameters and find the data required. The database is an on line web service updated every day by our team. The database is an excellent solution for fast finding the information you are looking for. Yearly subscription cost is \$799.



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