2013 IEEE Transportation Electrification Conference and Expo (ITEC ‘13)
Components Systems and Power Electronics - From Technology to Business and Public Policy

The Adoba Hotel
Dearborn, MI
June 16-19, 2013

Exhibit Hall Hours
Monday, June 17, 2013: 12:00 pm - 7:30 pm
Tuesday, June 18, 2013: 12:00 pm - 7:30 pm

ITEC Sponsors:
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### Advanced MotorTech LLC

4951 71st Ave. N.  
Pinellas Park, FL 33781 USA  
(P) 727-412-8200  
(F) 727-412-8299  
www.advancedmotortech.com

Advanced MotorTech is the leader in electric machine design engineering services, including consulting, prototyping and training. All motor types. Experience and expertise ranges from miniature to 1000’s of kW/HP, from new designs to failure analysis, from theoretical concepts to practical design, from design for high efficiency to high power density.

### ANSYS, Inc.

275 Technology Dr.  
Canonsburg, PA 15317 USA  
(P) 866-267-9724  
www.ansys.com

ANSYS brings clarity and insight to customers’ most complex design challenges through fast, accurate and reliable engineering simulation. Our technology enables organizations to predict with confidence that their products will thrive in the real world. Customers trust our software to help ensure product integrity and drive business success through innovation.

### Chrysler

Chrysler Group LLC  
1000 Chrysler Drive  
Auburn Hills, MI 48326-2766  
(P) 248-576-5741  
www.chryslergroupllc.com

Headquartered in Auburn Hills, Mich., Chrysler Group’s product lineup features some of the world’s most recognizable vehicles, including the Chrysler 300 and Town & Country, Jeep Wrangler, all-new Dodge Dart, Ram 1500, Jeep Grand Cherokee SRT8 and Fiat 500. Fiat contributes world-class technology, platforms and powertrains for small- and medium-size cars, allowing Chrysler Group to offer an expanded product line including environmentally friendly vehicles.

### CrossChasm Technologies

2-60 Northland Rd  
Waterloo, ON N2V2B8 Canada  
(P) 519-342-7385  
Crosschasm.com

CrossChasm Technologies is a Hybrid and Electric powertrain design group that partners with vehicle OEMs to build best in class products. We provide early-stage concept studies, control system design, low volume builds, field deployments, and performance analysis for low to medium volume manufacturers.

### All Cell Technologies

2321 W. 41st St.  
Chicago, IL 60609 USA  
(P) 773-922-1155  
(F) 773-922-1155  
www.allcelltech.com

AllCell Technologies designs and manufactures lithium-ion battery packs for transportation and renewable energy applications. The company’s patented thermal management technology allows production of compact, lightweight, and long-lasting batteries. AllCell’s products avoid the need for expensive and complicated active thermal management systems, replacing pumps, motors, and hoses with a passive system.

### Asia & Pacific ITEC 2014

No.5 Zhongguancun So. Street, Haidian  
Beijing 100081  
China  
http://www.itec2014.com

The organization committee of 2014 Asia &Pacific IEEE Transportation Electrification Conference & Expo.  
2014 ITEC Asia &Pacific will be co-organized by Beijing Institute of Technology, Institute of Electric Engineering of China Academy of Science and China Electro-technical Society.

### Continental Automotive

One Continental Dr.  
Auburn Hills, MI 48326 USA  
(P) 248-393-5300  
www.conti-online.com

Continental is among the leading automotive suppliers worldwide. As a supplier of brake systems, systems and components for powertrains and chassis, instrumentation, infotainment solutions, vehicle electronics, tires and technical elastomers. Continental is also an expert partner in networked automobile communication. Continental currently has approximately 167,000 employees in 46 countries.

### D&V Electronics Ltd.

130 Zenway Blvd.  
Woodbridge, Ontario L4H 2Y7 Canada  
(P) 905-264-7646  
(F) 905-264-0502  
www.dvelectronics.com

D&V Electronics is testing the future of hybrid / electric vehicle motors and controllers combining proven reliability with performance, accuracy and modularity. D&V’s EPT series of electric powertrain testers are built for endurance, laboratory and end of line production testing including the complete vehicle simulation of motors, inverters and batteries.
ELANTAS PDG, Inc. (formerly The P.D. George Co.) is the global leader in liquid electrical insulation products, including magnet wire enamel, insulating resins, potting compounds, conformal coatings and a wide range of specialty resin systems and adhesives. ISO 9001, TS 16949. A Heritage of Innovation since 1919.

Ford Motor Company

Ford Motor Company, a global automotive industry leader based in Dearborn, Mich., manufactures or distributes automobiles across six continents. With about 166,000 employees and about 65 plants worldwide, the company’s automotive brands include Ford and Lincoln.

Infolytica Corporation

Infolytica Corporation’s MagNet EM Simulation software can help you predict performance and optimize your devices. MagNet uses the finite element technique for an accurate and quick solution of Maxwell’s equations. Areas of application include: automotive, aerospace and defense. Trial editions can be found on our website.

Jing-Jin Electric Technologies

Jing-Jin Electric is China’s leading supplier of traction electric motors for EV, HEV and PHEV. JJE’s 2011 volume and sales ranked #1 in China and over 90% of sales were to US/European OEM customers. JJE’s products range from a few kilowatts to hundreds of kilowatts, from water cooled to oil cooled, and from stand-alone motors to highly integrated motors in transmission and drivelines. JJE also provides motor system solutions with inverters and motor controls.
Matesy

Wildenbruchstreet 15  07745 Jena, Germany
(P) 49 (0) 3641 875 904
http://www.matesy.de

Matesy stands for know-how in several fields of magnetism. Concentrating on core competences Matesy improves continuously their magnetic knowledge. Matesy works on innovative solutions for scientific instrumentation and industrial product development.

NH Research, Inc.

16601 Hale Avenue
Irvine, CA 92606
(P) 949-500-3561
www.nhresearch.com

NH Research manufactures configurable power instruments and system-level software addressing the testing needs of power conversion and battery applications. Our solutions provide advanced control, precision measurement features, and data management tools simplifying the test setup for engineering characterization as well as functional validation and improving speed in production testing.

Payton America, Inc.

1805 S. Powerline Rd., Suite 109
Deerfield Beach, FL 33442 USA
(P) 954-428-3326
Paytongroup.com

Payton Planar Magnetics is the world leader in designing and manufacturing of Planar transformers and inductors. Payton is specializing in custom made inductive components as well as standard transformers and inductors. The group has worldwide sales offices and manufacturing facilities. Our top level quality management including ISO 9001/ISO 14001/AS9100 and TS16949 position us as the top maker of planar transformers and inductors in the world.

Powersim Inc.

2275 Research Blvd, Suite 500
Rockville, MD 20850, U.S.A.
(P) Tel: 301-841-7445
www.powersimtech.com

Powersim Inc. develops and markets PSIM, leading simulation software designed for power electronics and renewable energy applications. PSIM also offers additional capabilities, including Motor Drive for electric motor drive system studies, Auto Code Generation capability with target support including TI DSP Delfino F2833x, and SimCoupler for co-simulation with Simulink®.

McMaster Institute for Automotive Research and Technology (MacAUTO)

1280 Main St. West/ ITB-A 109
Hamilton, Ontario L8S4K1 Canada
(P) 905-525-9140
(F) 905-521-2922
http://macauto.mcmaster.ca

MacAUTO is the coordinating body for automotive research and education at McMaster University. The University’s numerous automotive-related research institutes and centers work with industry, government and academic partners in developing and commercializing new technologies including hybrid and electric vehicles, powertrains, and powertrain components and control.

Oak Ridge National Laboratory

2360 Cherahala Blvd. Knoxville, TN 37932
(P) 865-946-1469
http://peepsrsc.ornl.gov

Oak Ridge National Laboratory (ORNL) is a multi-program science and technology laboratory managed by UT-Battelle, LLC. ORNL’s Power Electronics and Electric Machinery staff has renowned contributions in power electronics, electric traction motor design and development for light duty electrified vehicles, wide band gap semiconductor characterization, power module packaging and application in compact power converters and traction inverters.

Plexim, Inc.

5 Upland Rd., Suite 4
Cambridge, MA 02140 USA
(P) 617-209-2121
(F) 617-209-1111
www.plexim.com

Plexim develops the simulation software PLECS for power electronics systems and electrical drives. PLECS makes it easy to model and simulate complex electrical circuits along with their controls. In addition to the classical PLECS Blockset for MATLAB/Simulink, the new PLECS Standalone edition is available as a completely independent product.

Powersys, Inc (J MAG FEA Software’s Distributor)

8401 Greenway Blvd. Suite 210
Middleton, WI 53562 USA
(P) 727-288-8100
(F) 608-203-8811
www.jmag-international.com

J MAG is a comprehensive FEA software solution for electromechanical equipment design and development. J MAG can be used for a wide range of system design problems, including drive circuits, due to the capability to link the analysis with a power electronics simulator. The J MAG booth will showcase the newly released J MAG-SuperExpress a FEA-based motor design tool that obtains detailed simulation results with simple operations.
Shin-Etsu Magnetics Inc.

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909 Parkview Blvd.
Lombard, IL 60148
(P) 630 424-3364
www.shinetsu-rare-earth-magnet.jp/e

Fully licensed Japanese producer of sintered NdFeB magnets as well as SmCo magnets. Dy-Free NdFeB grades in production now. New Grain Boundary Diffusion magnets reduce Dy by 50% or more, and can even eliminate Dy completely! Visit us to learn how Shin-Etsu innovation reduces magnet costs.

University of Texas at Dallas

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800 West Campbell Rd.
Richardson, TX 75080 USA
(P) 972-883-6609
(F) 972-883-2710
http://www.utdallas.edu/research/REVT

University of Texas at Dallas is located in middle of Telecom corridor. The Renewable Energy and Vehicular Technology Laboratory (REVT) is a research center with focus on development of technologies which can ensure optimal harvest, transfer, storage, and consumption of electricity in stationary and mobile platforms.

University of Wisconsin

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432 N. Lake St.
Madison, WI 53706 USA
(P) 800-462-0876
(F) 608-263-3160
http://epd.engr.wisc.edu

UW–Madison Engineering Professional Development provides the latest information on technological advances and new developments in the industry through: short courses on topics such as internal combustion engines and engine research: an online degree in Master of Engineering in Engine Systems, and on-site courses.

Yunsheng USA Inc.

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395 Oyster Point Blvd. Suite 230
South San Francisco, CA 94080
(P) 650-827-7928
www.Yunshengusa.com

Yunsheng is a global industrial materials and OEM electric machine and systems manufacturer, with more than 7,000 employees located throughout 7 facilities. Yunsheng is a market leader in rare earth permanent magnet manufacturing technology and magnets applications across clean energy, IT, medical, aerospace, electric motor and auto industries, Yunsheng provides comprehensive manufacturing services.

SAVE THE DATE

ITEC 2014

June 15-18, 2014