

# ITEC2013

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:



# Exhibitor Directory

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## Booth Order

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301 .....	Powersys, Inc. (Jmag FEW Software Distributor)	402 .....	Electro Static Technology- An ITW Company
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309 .....	Shin Etsu Magnetics, Inc.	408 .....	Advanced MotorTech, LLC
310 .....	University of Wisconsin – Madison	408 .....	Matesy
311 .....	University of Dallas	410 .....	Oak Ridge National Laboratory
312 .....	Infolytica	412 .....	NH Researcher, Inc.
313 .....	ELANTAS PDG, Inc.	414 .....	ANSYS, Inc.
314 .....	Jing-Jin Electric Technologies	421..	McMaster Institute for Automotive Research (MacAUTO)
315 .....	D&V Electronics	509 .....	Chrysler
316 .....	Yungsheng	513.....	AllCell Technologies
319 .....	Continental Automotive	520 .....	Asia & Pacific ITEC 2014
320 .....	Magsoft Corporation	Grand Lakes Ballroom Foyer.....	IEEE
400 .....	CrossChasm Technologies		

**Advanced MotorTech LLC****408**

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.****414**

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****509**

Chrysler Group LLC  
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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****400**

2-60 Northland Rd  
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(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****513**

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****520**

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****319**

One Continental Dr.  
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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.****315**

130 Zenway Blvd.  
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(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.

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[www.elantas.com/pdg](http://www.elantas.com/pdg)



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

100

2400 Village Rd.  
Advanced Engineering Center  
Dearborn, MI 48124 USA  
(P) 800-392-367  
[www.Ford.com](http://www.Ford.com)



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

312

300 Leo-Pariseau  
Suite 2222  
Montreal, Quebec H2X 4B3 Canada  
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(F) 514-849-4239  
[www.infolytica.com](http://www.infolytica.com)



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

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Building 7, No. 5 Jiangtai Rd, Chaoyang  
Beijing, China 10015  
[www.jjecn.com](http://www.jjecn.com)



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..

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## IEEE Future Directions Committee

Grand Lakes Ballroom Foyer

216 Edpas Road  
New Brunswick, NJ 08901 USA



IEEE Future Directions Committee  
Objectives:

Incubates emerging technologies and new applications of current technologies. Identifies opportunities to engage the engineering community and the general public. Works with IEEE members and staff to focus on emerging technologies through technical, professional, and educational activities. Serves as a catalyst for new conferences, publications, standards, educational products, forums, white papers, grants, and projects to support new technologies.

## JFE Steel Corporation

403

2-3 Uchisaiwai-cho, Chiyoda-ku  
Tokyo, Japan 100-0011  
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**NH Research, Inc.**

412

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[www.nhresearch.com](http://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.

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**Payton America, Inc.**

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1805 S. Powerline Rd., Suite 109  
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(P) 954-428-3326  
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Payton Planar Magnetics is the world leader in designing and manufacturing of Planar transformers and inductors.

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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.

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**Powersim Inc.**

303

2275 Research Blvd, Suite 500  
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(P) Tel: 301-841-7445  
[www.powersimtech.com](http://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®.

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<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.

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**Oak Ridge National Laboratory**

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2360 Cherahala Blvd. Knoxville, TN 37932  
(P) 865-946-1469  
<http://peepsrsrc.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.

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**Plexim, Inc.**

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5 Upland Rd., Suite 4  
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(P) 617-209-2121  
(F) 617-209-1111  
[www.plexim.com](http://www.plexim.com)



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JMAG is a comprehensive FEA software solution for electromechanical equipment design and development. JMAG 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 JMAG booth will showcase the newly released of JMAG-SuperExpress a FEA-based motor design tool that obtains detailed simulation results with simple operations.

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(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

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UTMB is the University of Technology of Belfort-Montbéliard (<http://www.utbm.fr/>). UTBM is the coordinator the European project Mobypost (<http://mobypost-project.eu/>). UTBM trains engineers to be quickly operational and particularly suited to technological evolution and to changes in society. The UTBM develops notably a recognized scientific research around the FCEVs through the laboratories IRTES (<http://www.utbm.fr/recherche/irtes.html>) and FCLAB (<http://www.fclab.org/>).

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## ITEC 2014

### June 15-18, 2014

IEEE ITEC  
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