

# calendar

## August 27-30—Power Transmission Principles

Indianapolis. IDC University's Power Transmission Principles course (PTP) is a four-day intensive study of the world of power transmission. PTP instills students with confidence in themselves, their company and the power transmission products they represent. The course is designed for inside and outside sales people, from beginners to seasoned employees. Throughout the course, major power transmission products are displayed, discussed and selected until each student knows how and why specific products help their customers. For more information, visit [www.idc-usa.com](http://www.idc-usa.com).

## September 10-15—IMTS 2012

McCormick Place, Chicago. The 29th edition of the manufacturing technology show boasts more than 1,100 exhibiting companies that will occupy 1.1 million net square feet of exhibit space. The show attracts 82,000 buyers and sellers from more than 116 countries. Leading manufacturers will display their equipment in pavilions including metal cutting, tooling

and workholding systems, metal forming and fabricating/laser processes, gear generation, industrial automation and many more. The IMTS 2012 Conference brings industry together to discuss technologies, business development and optimization, plus workforce efficiency and productivity. Special emphasis will be placed on maintaining focus on short- and long-term goals during a tough economic environment. For more information, visit [www.imts.com](http://www.imts.com).



## September 11-13—International Conference on Manufacturing Research 2012

Aston University. For over two decades, the International Conference on Manufacturing Research has been the main manufacturing research conference in the U.K., successfully bringing researchers, academics and industrialists together to share their knowledge and experiences. Initiated as a National Conference by the Consortium of U.K. University Manufacturing Engineering (COMEHE), it became an International Conference in 2003. COMEHE is an independent body established in 1978. Its main aim is to promote manufacturing



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engineering education, training and research. Keynote speakers for the event include Hamid Mughal, executive vice president, manufacturing, Rolls Royce Plc.; professor Sir Mike Gregory, Institute for Manufacturing, Cambridge University; John Ladbrook, European simulation specialist, Ford Motor Company and Professor Jay Lee, director of the Center for Intelligent Maintenance Systems, University of Cincinnati. For more information, visit [www1.aston.ac.uk/icmr2012](http://www1.aston.ac.uk/icmr2012).

### September 17–20—Hydraulic Principles and Applications

Indianapolis. IDC University's Hydraulics Training is a comprehensive course covering the principles, functions and applications of low pressure/low force and high pressure/high force hydraulics. Students will receive instruction on: the inner workings of hydraulic equipment (specifically how the components fit together and their functions); how to identify the basics of pumps, cylinders, valves, motors and related systems; and how to identify applications in the field. This course serves as an introduction to basic hydraulic principles and applications. Coursework combines classroom learning with hands-on training to achieve hydraulic product and system awareness and understanding. Students will be taught basic hydraulic principles related to pressure, force, area, flow and horsepower. In addition, students will learn of the options for hydraulic functions and fluid connectors. Coursework will include hands-on training and case studies. For more information, visit [www.idc-usa.com](http://www.idc-usa.com).

### September 18–19—Human Error Prevention Seminar

Fogelman Executive Conference Center, Memphis, Tennessee. The principles and practices of human error prevention are universally applicable, regardless of the type of industrial, commercial or governmental enterprise, and regardless of the type of function performed within the enterprise. This seminar is truly unique and up to date with the latest developments in human error prevention. Ben Marguglio's new taxonomy of human error causal factors and his human error-related models demonstrate his leadership in this subject. Examples and case studies amply reinforce the human error prevention principles and practices. This seminar covers: classifications of human error; quality and safety culture and the quality- and safety-conscious work environment; leadership responsibilities; the total quality and safety function and much more. For more information, contact Ben Marguglio at (845) 265-0123 or e-mail [ben@hightechnologyseminars.com](mailto:ben@hightechnologyseminars.com).

### September 24–25—Bearing Specialists Association (BSA) 2012 Fall Meeting

Hilton Suites Chicago. Co-located with the American Bearing Manufacturers Association (ABMA) Fall Meeting. Each association will be pursuing its own business agenda, but there will be a joint reception and dinner to facilitate industry networking. BSA's Information Technology and Supply

Chain Committee Meeting on September 24<sup>th</sup>, from 9:00 a.m.–11:30 a.m., will feature a presentation by Susan Streich, national sales manager of IDEA e-solutions, on their data synchronization solutions for business. All Fall Meeting attendees are invited to participate at this meeting. Traditionally, the Fall Meeting provides an unprecedented opportunity to network with industry peers and experience the work of the committees with no obligation to join. Expanded networking opportunities this year include a joint BSA/ABMA reception and dinner; ABMA's Anti-Counterfeiting Committee Meeting on Sunday; the Education Committee Meeting on Monday; and breakfast and General Session on Tuesday morning. For registration information, visit [www.bsahome.org](http://www.bsahome.org).

### October 15–19—AME Chicago 2012

Sheraton Chicago Hotel and Towers. The Association for Manufacturing Excellence (AME) has a long track record for finding and convincing some of the best manufacturing practitioners from around the world to share their lean practice experiences. More than 60 leading presenters will be on hand to discuss customer focus, process sustainment, continuous improvement, material flow and other lean practices and strategies. Manufacturing tours highlighting some of the best lean and six sigma operations in and around the Chicago area include Caterpillar, Bimba Manufacturing, Whiting Corporation, S&C Electric Company and Winzeler Gear. Workshop topics include maintenance management, lean behaviors, training within industry, lean business simulation and lean tools for the office. Six keynote speakers will be featured at the conference. For registration information, visit [www.ameconference.org](http://www.ameconference.org).



### November 12–15—Bulk Material Handling

Indianapolis. IDC University's Bulk Material Handling course is a four-day intensive study into the various types of conveyors and bucket elevators. This course introduces students to the bulk material handling industry and the details behind the design and application of screw conveyors, bucket elevators, drag conveyors and belt conveyors. Throughout the course, students will learn about various bulk materials and how to classify them by CEMA standards. Resources available for designing and selling screw conveyors, bucket elevators, drag conveyors and belt conveyors will be covered. For more information, visit [www.idc-usa.com](http://www.idc-usa.com).