

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 the industry together, under one roof and at one time, 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.

September 11-13—International Conference on Manufacturing Research 2012. Aston University. For over two decades it has been the main manufacturing research conference organized 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 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 Ladbroke, 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.

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.

September 20-21—Root Cause Analysis Seminar. Fogelman Executive Conference Center, Memphis, Tennessee. This seminar covers all of the elements of a problem/condition reporting, root cause analysis and corrective action system with emphasis on the following root cause analysis techniques: failure mode and effects analysis for hardware problems and hazard-barrier-effects analysis for management and technical process problems. This seminar will also cover a modified hazard-barrier-effects analysis technique that allows the root cause analysis resource expenditure to be proportional to the significance of the problem, while still enabling the analyst to identify human performance root causes. Persons who are responsible for identifying and reporting off-normal conditions, evaluating the conditions and their effects, identifying causal factors, recommending various types of corrective actions, tracking the implementation of corrective actions, and managing the overall system should consider attending this seminar. For more information, contact Ben Marguglio at (845) 265-0123 or e-mail ben@hightechnologyseminars.com.

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 including Mike Abrashoff and Jason Jennings. For registration information, visit www.ameconference.org.

October 28-30—AGMA Fall Technical Meeting. Hyatt Regency Dearborn, Dearborn, Michigan. The FTM highlights the latest research in the industry from experts all over the world on topics including micropitting, gearbox design, materials and manufacturing. The conference is designed for attendees to listen to all the presentations and take home practical information that may ultimately affect your company's bottom line. In addition, the meeting is designed to provide invaluable networking time between sessions and in the evenings to interact with colleagues and meet new experts in the industry. Programs include lubrication and components, gear drive applications, manufacturing and inspection, gear design issues and materials and heat treatment. For more information, visit www.agma.org.