

**January 21–24—Automate 2013.**

McCormick Place, Chicago. Automate is the largest solutions-based showcase of automation technologies in North America. Formerly the International Robots, Vision & Motion Control Show, which dates back to 1977, Automate now demonstrates the full spectrum of automation technologies and solutions for a broad array of industries. The show is held once every two years. Companies that provide integration of automation, robotics and machine vision will show actual demonstrations of systems at the show. This allows attendees to see live demos solving challenges they face in their industry, and also to learn from solutions used in other industries that may be beneficial to them. The rest of the show features the latest automation, robotic, vision and motion control technologies and systems on display from leading global suppliers. A comprehensive educational conference accompanies the Automate show. Featuring a broad array of classes from beginner to advanced skill levels, the conference offers something for all attendees—they can take one class or four full days of training. ProMat, a material handling and logistics show, is co-located with Automate 2013. For more information, visit [www.automate2013.com](http://www.automate2013.com).

**February 7–8—Motor and Drive Systems 2013.**

Orlando, Florida. Motor & Drive Systems 2013 is an international conference focused on the latest growth trends and technical advancements impacting motor and drive systems. Join hundreds of peers and potential business partners and discover how new technologies are improving performance, energy efficiency and providing cost savings in a variety of applications. This annual conference will feature more than 25 presenta-

tions on new motor and drive technologies and design considerations, motion control, power electronics/modules and components. Sessions will also cover market trends and growth areas as well as regulatory and safety issues. The event serves technical and management professionals involved in all sectors of motor, drive and motion control technologies including OEMs, end users, integrators and dealers. The conference provides the best forum to learn from leading motor and drive system manufacturers on new technologies entering the market and what's ahead. Newsworthy additions to the 2013 show include new motor technologies and applications, an OEM design engineer panel, magnetic manufacturer panel, regulatory and safety issues and design and development of motor and drive systems. For more information, visit [www.e-driveonline.com](http://www.e-driveonline.com).

**March 12–14—Gearbox CSI-Forensic Analysis of Gear and Braking Failures.**

Hyatt Regency Baltimore on the Inner Harbor, Baltimore, Maryland. Determining the cause of a failure in a gearbox is like a "whodunnit" mystery. What caused the failure: The bearings, a gear, the lubrication or a shaft problem? Where do you start, and how can you tell? Instructors Raymond Drago and Joseph Lenski, Jr. from Drive Systems Technology, Inc. will help gear designers gain a better understanding of various types of gears and bearings. Learn about the limitation and capabilities of rolling element bearings and the gears that they support so you can properly apply the best gear-bearing combination to any gearbox, whether simple or complex. A certificate will be awarded upon completion of the seminar. For more information, visit [www.agma.org](http://www.agma.org).

**March 19–21—AeroDef Manufacturing 2013.**

Long Beach, California. AeroDef Manufacturing is an exposition and technical conference for the aerospace and defense manufacturing industry. Produced by the Society of Manufacturing Engineers (SME), in partnership with industry OEMs, the show's mission is to foster innovation across the extended enterprise to reduce costs, expedite production times and maintain manufacturing competitiveness in the global economy. AeroDef showcases the industry's most advanced technologies across an innovative floor plan designed to facilitate interaction and business relationships between exhibitors and buyers looking for integrated solutions. Keynote speakers and panelists come from the highest level of government and business. They come to share their vision of the potential of technology, collaboration and public policy to transform manufacturing – concepts that attendees can actually experience on the exposition floor. AeroDef is co-located with Composites Manufacturing 2013. For more information, visit [www.aerodefevent.com](http://www.aerodefevent.com).

**March 21–23—PTDA Spring Leaders Conference.**

Hotel Contessa, San Antonio, Texas. The three components of the Spring Leaders Conference include governance meetings for PTDA committees, the Leadership Development Conference and a General Educational Session. Kevin Boyle, president of Industrial Distribution Consulting, LLC, will present a three-hour interactive workshop focused on the power transmission distribution channel. Randy Disharoon, strategic account manager of Rexnord Industries, LLC will present a workshop on developing leaders in the PT/MC distribution sales channel. For more information, visit [www.ptda.org](http://www.ptda.org).