

September 26–28—MINExpo International 2016 Las Vegas Convention Center. MINExpo boasts 12 indoor and outdoor halls and more than 1,800 companies involved in the global mining industry. Opening sessions allow the industry to come together to debate global challenges, market fluctuations and the future of mining. 20+ education sessions will tackle the most timely and pressing issues in mining today. Resources include exploration, mine site development, open pit mining, underground mining, smelting and refining, processing and preparation and reclamation. Attendees will see live demonstrations they can use today and emerging technology for tomorrow. For more information, visit www.minexpo.com.

September 26–29—Gear Dynamics and Gear Noise Short Course Ohio State University. The purpose of this unique short course is to provide a better understanding of the mechanisms of gear noise generation, methods by which gear noise is measured and predicted and techniques employed in gear noise and vibration reduction. Over the past 37 years more than 1,950 engineers and technicians from over 360 companies have attended the Gear Noise Short Course. A popular feature of this course is the interspersing of demonstrations with lectures. The extensive measurement and computer software capabilities of the Gear and Power Transmission Research Laboratory allow instructors to do this in a simple and non-commercial manner. Course instructors include Dr. Donald Houser and Dr. Rajendra Singh. For more information, visit www.nvhgear.org.

October 2–5—GMRC Gas Machinery Conference 2016 The GMRC Gas Machinery Conference provides three days of technical training and presentations by the industry's leading experts. The conference includes a vendor exhibit showcasing the latest equipment, technology and services. Educational sessions and networking opportunities are valuable for design engineers, facility engineers, technicians and others, with an emphasis on the operation, maintenance and testing of gas compression machinery. The Gas Machinery Research Council (GMRC) is a not-for-profit research corporation that was founded in 1952. GMRC provides its member companies and industry with the benefits of an applied research and technology program directed toward improving reliability and cost effectiveness of the design, construction and operation of mechanical and fluid systems. For more information, visit www.gmrc.org/gmc.

October 5–7—Mechanical Components and Materials Technology Expo Osaka, Japan. M-Tech Osaka is Western Japan's largest exhibition gathering all kinds of mechanical parts such as bearings, fasteners, mechanical springs and metal and plastic processing technology. M-Tech Osaka attracts a significant number of professionals from design, development, manufacturing, production engineering, procurement and quality control departments, who are looking to buy solutions for their businesses. Products and services featured include motors, drivers, controllers, bearings, shafts, mechanical parts, springs, compressor and hydraulic equipment, testing and measuring and more. For more information, visit <http://www.mtech-kansai.jp/en>.

October 11–13—MCMA TechCon 2016 New Orleans, Louisiana. The Motion Control & Motor Association's annual TechCon provides technical

training by industry experts, great networking opportunities and a table top exhibition where attendees can see the latest technologies from leading suppliers. New this year is the addition of MCMA's Certified Motion Control Professional Training. Attend to learn and keep up-to-date on motion control, motor and related automation technologies. Breakout session topics include motor design, magnetic materials and electrical steels, motion control, drives and feedback systems and network systems and software tools for engineers. For more information, visit www.motioncontrolonline.org.

October 18–21—Northeast Mechanical Fair of Mechanical Industry, Metallurgical and Electrical Material Pernambuco Convention Center, Olinda, Brazil. This year's theme is "Industrial Automation and Energy Efficiency - The Future of Industry." With an exhibition that includes products and services, workshops and training events, the Mechanical Fair will bring together industries such as automation, machinery and equipment, renewable energy, and electronics. "Thanks to the diversity of the exhibitors and program of seminars and workshops offered by the Mechanical Northeast, visitors will have access to a wide range of appropriate solutions for their enterprises and opportunities for expansion. In addition, the event will provide exhibitors a valuable opportunity to do business," said the president of Simmepe Alexander Valencia. Exhibitors include Gates, Parker, SEW and Tsubaki. For more information, visit www.mecanicane.com.br.

October 23–27—Materials, Science & Technology 2016 Salt Lake City, Utah. MS&T16 is the most comprehensive forum for materials science and engineering technologies. Attendees learn from materials specialists, explore diverse materials applications and experience the synergy of this materials community. MS&T crosses the boundaries of most materials events by bringing together a broad range of technical sessions and expertise through the strengths of six major materials organizations: The American Ceramic Society (ACerS), Association for Iron & Steel Technology (AIST), ASM International, Metallurgy and Materials Society of CIM (MetSoc), NACE International, and The Minerals, Metals & Materials Society (TMS). Topics include additive manufacturing, ceramic composites, failure analysis, light metal technology, next generation biomaterials, surface protection, high performance metals and more. For more information, visit www.matscitech.org.

October 25–27—The Assembly Show Rosemont, Illinois. This focused trade show will help assembly equipment suppliers, buyers and users connect, learn and share the latest technologies and industry advancements. Workshops include collaborative robotics and managing assembly lines. The keynote presentation, "The Herman Miller Performance System Journey: Overcoming the Challenges of Implementing a People Focused Production System," will take place Wednesday October 26. A panel discussion, "Rosie the Riveter 2.0: Recruiting and Retaining Women in Manufacturing," will take place on Thursday October 27. Additional presentations from Festo, Destaco, Balluff, Bosch Rexroth and others will take place during the show. For more information, visit www.theassemblyshow.com.