

September 16–21—EMO Hannover 2013. Hannover, Germany. Under the motto “Intelligence in Production,” EMO will be showing what modern-day production technology looks like and who is offering it. “Everyone wants to be there. That’s why once again the EMO Hannover is well set to continue its success story,” says Carl Martin Welcker, general commissioner of EMO Hannover 2013. At the beginning of the year, more than 1,600 companies from 34 different countries had already registered: they will be occupying around 145,000 m² of net exhibition space. Thus the current registration status is significantly higher than the comparable figure for the preceding event. The flourishing demand among vendors of production technology evidences the high perceived importance of EMO Hannover as one of the sector’s international highlights and as a superlative platform for innovations. “Meet the world at EMO” is one of the most important arguments for participating. It’s not only German manufacturers who have registered for large-size stands. Asian companies are particularly prominent in showing the flag, with firms from Japan, China, Taiwan and Korea keen to play a bigger role on the global market. They have once again upsized their areas compared to the preceding event’s equivalent period, a trend that’s been observable for some years now. In all, Asia currently accounts for a good fifth of the EMO’s exhibitors. For more information, visit www.emo-hannover.de.

September 17–19—Gear Expo 2013. Indiana Convention Center, Indianapolis, Indiana. Gear Expo is a biennial event designed exclusively for the gear industry. For three days, gear buyers and manufacturers network and build relationships that benefit their respective companies. Attendees see firsthand the latest technology on the market and discuss trends in the industry with experts. Exhibitors have the opportunity to meet face-to-face with attendees and other exhibitors and will display more than 750,000 pounds of machinery on the show floor. Thousands of professionals from around the United States, international manufacturing hubs, and emerging markets conduct profitable business transactions and collaborate on the innovations that make their operations more streamlined. The ASM Heat Treating Society Conference and Exposition is co-located with Gear Expo 2013. For more information, visit www.gearexpo.com.

October 15–17—School for Gear Manufacturing Technology. Anaheim, California. Hosted by Gear Manufacturing Inc. (GMI), this three-day seminar is designed to give the student a deeper understanding of the relationships between the geometry of the gear and the manufacturing and inspection processes leading to a practical, logical approach to trouble shooting. In this regional course we address the problems associated with gear generation (hob and shape) and gear finishing (grind and shave), for cylindrical gears, in respect to the machine tool and the associated tooling and cutters. Analysis of inspection results from traditional manual and digital inspection processes are covered in depth. New for 2013 is an introduction to the new AGMA standards, which relate directly to the international ISO standards. For more information, visit www.gearconsultinggroup.com.

October 15–17—Westec 2013. Los Angeles Convention Center, Los Angeles. Westec returns to California amidst an encouraging environment that has seen a measurable increase in exports, production, overall employment growth, and recent legislation designed to enhance the state’s manufacturing sector. While California has long been the nation’s leading industrial state, recent economic gains have been powered by new technologies, many of which will be on display during the show. Produced by SME, Westec has built a reputation as a technological showcase for the manufacturing industry for nearly 50 years. Generations of manufacturers have used the event as a forum to find cutting-edge equipment, explore advanced technologies, and learn innovative new production methods to help grow their businesses. Many of the industry’s top equipment manufacturers unveil technological breakthroughs at Westec—from software to cutting tools, 3-D printers to multi-tasking machines. Several manufacturers, such as Boeing, BYD and Ecologic Brands, all opened or announced increased manufacturing programs or facilities within the state of California recently. “We are greatly encouraged by recent developments in California, which has seen an uptick in manufacturing and production.” said Christine Longroy, Westec event manager. “The economic climate is one of the reasons why we decided to move Westec up from March 2014 to October 2013.” For more information, visit www.westeconline.com.

October 16–18—Kapp-Niles Rocky Mountain Gear Finishing School. Boulder, Colorado. The Sixth Annual Kapp-Niles Rocky Mountain Gear Finishing School (RMGFS) is designed to benefit gear manufacturing engineers, machine operators and production managers, as well as gear designers. The opening presentation, Gear Basics, provides a solid foundation, including a section on gear nomenclature for relative newcomers. The RMGFS provides both classroom-style and shop floor lessons, each focusing on advances in profile and generating gear grinding. In the multi-layered program, sessions are interconnected and lead each step to the next. Participants study the principles and mechanics behind different gear finishing processes, apply them through practical sessions on a Kapp-Niles machine, and hold group workshops for discussions. For more information, visit www.kapp-usa.com.

October 28–31—Power Transmission and Control 2013. Shanghai New International Expo Centre, Shanghai, China. Organized by Deutsche Messe, PTC Asia is the continent’s leading trade fair for electrical and mechanical power transmission, fluid power, compressed air technology, machine parts, bearings, linear motion systems, internal combustion engines and gas turbines. Sponsors include Bosch Rexroth, Emerson, DMG, Parker, Siemens, EMAG, SKF, Lenze, Tsubaki, ABB, NSK, SEW Eurodrive, Gates and others. An important part of PTC ASIA is the gathering of companies from industries including gears, chain transmission, belt transmission, couplings, brakes, electrical power transmission, fasteners, springs and powder metallurgy. It is held in combination with CEMAT Asia 2013, the international exhibition for material handling, automation technology, transport systems and logistics. For more information, visit www.ptc-asia.com/EN/.