

**September 19–24—EMO Hannover 2011.** Hannover, Germany. Metalworking technology specialists will be front and center for six days at EMO Hannover 2011. More than 2,000 companies from 38 countries will be on-hand to show off products and services, spotlighting their performance capabilities. This year's EMO Hannover is presenting its products and events under the motto "More than machine tools." The trade fair puts special emphasis on machine tools, manufacturing systems, precision tools, automated systems, computer technology, industrial electronics and accessories and is sponsored by the VDW (German Machine Tool Builders Association). For more information, visit [www.emo-hannover.de](http://www.emo-hannover.de).

**October 3–7—Basic Training for Gear Manufacturing.** Richard J. Daley College, Chicago. This AGMA training course covers gearing and nomenclature, principles of inspection, gear manufacturing methods, hobbing and shaping. The course is intended for those with at least six months of experience in setup or machine operation. Classroom sessions are paired with hands-on experience setting up machines for high efficiency and inspecting gears. For more information, contact Jenny Blackford at [blackford@agma.org](mailto:blackford@agma.org) or (703) 684-0211.

**October 4–6—Rocky Mountain Gear Finishing School.** Westin Westminster Resort, Westminster, Colorado. The Kapp Group is hosting this educational event that includes presentations, hands-on lessons, a facility tour and workshops designed to offer a deeper understanding of the progressive technologies applied to gear finishing processes. Attendees can bring their own applications to discuss, and meet experts in the field of gear finishing. Topics include the fundamentals of hard and soft gear finishing methods found in aerospace, automotive, marine, mining and wind energy applications; the benefits of using intelligent software; current trends on grinding automotive gears; machine set-ups, grinding and programming through real practice; the benefits of gear finishing performance with non-dressable tools; and how to select a finish process based on quality and application. To register for this event, visit [www.kapp-usa.com](http://www.kapp-usa.com).

**October 17–27—Discover Mazak—Tomorrow's Technology Today.** Florence, Kentucky. During Discover Mazak, more than 30 new machines will be featured, as well as a demonstration of Mazak's Production-On-Demand manufacturing plant, where 100+ models of machines are produced. This unique two-week event will welcome nearly 2,000 visitors from across North America to experience the latest machine tool innovations in advanced turning, milling and multitasking metal cutting solutions, including many forms of five-axis machining technologies. During the course of the event, visitors will have the opportunity to attend a variety of technology presentations, and experience real-world application machining demonstrations. Mazak experts, as well as the company's VIP technology partners, will also be on-hand to offer a variety of technology seminars and personalized consultation on manufacturers' unique challenges. Topics covered will include automation technology, industry-segment focused process development and manufacturing technology. For more information, visit [www.mazakusa.com](http://www.mazakusa.com).

**December 6–8—Gearbox System Design.** Sheraton Sand Key Resort, Clearwater, Florida. The design of a gearbox system is much like a Hollywood movie production—the "stars" often get the recognition, while the "supporting cast" barely gets a mention! In a gearbox system, the stars are the gears and bearings. The supporting cast is everything else, including seals, lubrication, housings, breathers and other details. Explore the gearbox system supporting cast of characters at the Gearbox System Design Seminar. The treatment starts with basics, such as some history of design, the environment in which the gearbox must "live" and the loading to which the system will be subjected. AGMA member: \$1,895 first registrant, \$1,695 for additional registrants from same member company. Nonmember: \$2,395 first registrant, \$2,195 for additional registrants from same company. For more information, visit [www.agma.org](http://www.agma.org).