

June 9-11 – 2015 Bevel Gear System Design: Manufacture, Heat Treatment, Inspection, & Application

Hyatt Rosemont, Rosemont, IL. The purpose of this seminar is to prepare participants to design and apply bevel gears systems from the initial concept through manufacturing and quality control and on to assembly, installation and maintenance. It is not a theoretical presentation of bevel gear theory rather it is a practical hands on guide to their design, manufacture, quality control, assembly, installation rating, lubrication and, most especially, application. Instructor is Raymond J. Drago. Entry fee is \$1,395 for members and \$1,895. For more information, visit www.agma.org.

June 15-17 – Gear Failure Analysis June 2015

Big Sky Resort, Big Sky, MT. The Gear Failure Analysis seminar provides participants the skills necessary to diagnose gear failures and prescribe remedies. This presentation covers six classes of gear tooth failure: overload, bending fatigue, hertzian fatigue, wear, scuffing, and cracking. Each failure mode is illustrated by color slides and field samples because of the magnification inherent in slide projection. However, it is important to examine the field samples because there is no substitute for hands-on experience that students experience. Working in small groups, students participate in a hands-on practical exam using field samples and a case study. For more information, visit www.agma.org.

June 15-17 – Western Manufacturing Technology Show

Edmonton EXPO Centre, Edmonton, Alberta, Canada. True to its name, WMTS targets the specific needs of manufacturers in Western Canada. Ever-evolving technology, unique economic challenges, and the heavy influence of the oil and gas industry present a diverse mix of circumstances—and WMTS is up to the task of meeting them. A showcase of top solution providers, the WMTS has the answers attendees are searching for. Walk the show floor and meet face-to-face with the experts who can explain how applying new methods and advanced technology can improve operations and margins. Leading-edge machine tools, tooling and accessories, fabrication, design, automation, process control, and plant maintenance equipment—it's everything businesses need all under one-roof. Combined with an industry keynote, an interactive town hall panel and limitless opportunities to network and share ideas with like-minded colleagues, WMTS is a complete manufacturing experience that will give attendees the practical knowledge needed to stay competitive in Western Canada. For more information, visit www.wmts.ca.

June 23-24 – Liebherr Gear Seminar ITC Technical Center, Rockford, Illinois. Co-hosted by Ingersoll Cutting Tools, this event will feature technical presentations of the latest developments in gear cutting and inspection technology by experts from Liebherr Gear Technology, Liebherr Automation Systems, Ingersoll Cutting Tools, Saacke Group, and the Wenzel Group. The Gear Seminar is a well-regarded bi-annual event conducted for nearly 20 years by Liebherr Gear Technology, a leading global developer of advanced gear production machines, tools and processes. Parent company Liebherr Verzahntechik GmbH is headquartered in Kempfen, Germany. In addition, qualified guests will tour the Ingersoll shop floor and witness a hobbing demonstration on Liebherr's LC 500. For more information, visit www.liebherr-emo.com.

July 14-16 – SEMICON West 2015 Moscone Center, San Francisco, CA. SEMICON West is the premier annual event for the global microelectronics industry, highlighting the latest innovations, products, processes, and services for the design and manufacture of today's most sophisticated electronics. SEMICON West showcases innovations across the microelectronics supply chain, from silicon to system and everything in between. From the latest research on the cutting-edge of transistor technology, to solutions breathing new life into legacy fabs, SEMICON West is the place to connect to what's new and what's next in microelectronics. For more information, visit www.semiconwest2015.org.

August 6-8 – Asia International Gear Transmission Expo 2015

As Asia's most influential, professional and authoritative gear industry event, GTE has been held 10 years in a row and during that time has obtained the affirmation of a large number of exhibitors and buyers. The exhibition will work with multiple marketplace platforms to create the Asia gear industry's most influential international showcase. With a planned area of 45,000 square meters, the exhibition expects more than 500 exhibitors and 40,000 professional visitors from home and abroad. For more information, visit www.gte-asia.com.

September 13-15 – TECHINDIA 2015

Bombay Exhibition Centre, Mumbai, India. TECHINDIA will be the ultimate facilitator for b2b cooperation between manufacturers and consumers of all hues connected to the engineering, machinery and manufacturing industry. This leading business event is co-located with five other industry events to make it an extended platform for metal, engineering, manufacturing and machine tools industry: World of Metal – International Exhibition on Metal Producing, Metal Processing and Metal Working Industry; CWE – International Exhibition on Cutting and Welding Equipment; IMEX – International Exhibition on Machine Tools and Engineering Products; UMEX – International Exhibition on Used Machineries; Hand Tools and Fasteners Expo – International Exhibition on Hand Tools and Fasteners. The co-location of industry events will maximize business opportunities for industry professionals. For more information, visit techindiaexpo.com.

September 16-18 – Rocky Mountain Gear Finishing School

Kapp Technologies, Boulder, CO. The Rocky Mountain Gear Finishing School (RMGFS) is a multi-layered program designed to optimize learning and strengthen your understanding of gear finishing processes no matter your experience level. Rocky Mountain Gear Finishing School covers advancements in profile and generating grinding technology in a classroom setting but also through hands-on demonstrations. Participants learn about the principles and mechanics of different gear finishing processes and then have the opportunity to discuss them in smaller workshops as well as see them demonstrated. Visit www.kapp-usa.com/rmgfs.

September 28-October 1 – Gear Dynamics and Gear Noise Short Course

Fawcett Center, The Ohio State University, Columbus, OH. The purpose of this 4-day 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 36 years more than 1,850 engineers and technicians from over 360 companies have attended the Gear Noise Short Course. \$2,150 per person. For more information, visit www.nvhgear.org.