

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 21-23 – Gear Failure Analysis

Big Sky Resort, Big Sky, MT. Explore gear failure analysis in this hands-on seminar where students not only see slides of failed gears but can hold and examine those same field samples close up. Experience the use of microscope and take your own contact pattern from field samples. Cost is \$1,600 for members and \$2,100 for non-members. For more information, visit www.agma.org.

September 29-October 1 – 2015 Gear Manufacturing

Hyatt Regency, Rochester, NY. This seminar provides the gear design engineer with a broad understanding of the methods used to manufacture and inspect gears and how the resultant information can be applied and interpreted in the design process. Following this seminar, participants will be able to identify methods of manufacturing external and internal spur, single and double helical, and bevel and worm gears, describe the methodology and underlying theory for basic manufacture and inspection of each, and much more. Cost is \$1,430 for member and \$1,930 for non-members. For more information, visit www.agma.org.

October 4-7 – Euro PM2015 Congress & Exhibition

Reims Congress Centre, Reims, France. Europe's annual powder metallurgy congress and exhibition, organized and sponsored by the European Powder Metallurgy Association, will return to France in 2015. The combination of a world class technical program and state-of-the art exhibition will provide the ideal networking opportunity for suppliers, producers and end-users. The program of plenary and keynote addresses, oral and poster presentations and special interest seminars will focus on: additive Manufacturing; hard materials and diamond tools; hot isostatic pressing; new materials and applications; and more. Alongside the technical sessions the Euro PM2015 Exhibition will be an excellent opportunity for international suppliers to the PM industry to network with new and existing customers from the powder metallurgy and associated sectors. For more information, visit www.europm2015.com.

October 20-22 – Gear Expo 2015

Cobo Center, Detroit, MI. For more than two decades, power transmission professionals—including CEOs, owners, presidents, engineers, marketing and sales managers, consultants and other executives have come to Gear Expo to learn the latest industry information and see firsthand technology, products, and services that help them expand

and streamline their business. Attendees represent a variety of industries including off-highway, industrial applications, automotive, and oil and gas as well as aerospace, agriculture and construction. They come from around the United States, international manufacturing hubs, and emerging markets to conduct profitable business transactions and collaborate on the innovations that make their operations more streamlined. 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. For more information, visit www.gearexpo.com.

October 27 – Modern Furnace Brazing School

Brazing Engineering Center, Wall Colmonoy Aerobraz Division, Cincinnati, OH. The late Robert Peaslee's tradition continues with the return of the brazing school. The Brazing Engineering Center provides engineering services and training, as well as offering new practical experience on the shop floor. For over 60 years, Wall Colmonoy engineers have gained practical experience on actual problems in brazing plants around the world. Knowledge and practical application will be taught by industry-leading brazing experts. In 1950, Peaslee developed the first nickel-based brazing filler metal, Nicrobraz. Modern Furnace Brazing School will allow you to apply workable solutions to your brazing needs. For more information or to register, contact brazingschool@wallcolmonoy.com.

October 27-29 – Discover 2015

Florence, KY. Mazak Corporation encourages those involved in the metalworking industry to attend its Discover 2015 technology and education event. Here, the machine tool builder plans to spotlight new technologies and trends that will change how part manufacturers operate, including unconventional ways to drive operational efficiency via additive manufacturing, CNC technology and the Industrial Internet of Things (IIoT) concept. Additive manufacturing is creating a shift in the way engineers and designers think about product development, and Mazak is leading the way with its additive-capable INTEGREGX i-400AM. The HYBRID Multi-Tasking machine will make its North American debut at Discover 2015, and attendees will experience how it integrates laser cladding with advanced full 5-axis milling and turning capabilities. Overall, more than 30 of the latest Mazak machine tools will perform real-world cutting demonstrations throughout the event. Applications experts will be on standby during the demonstrations to discuss total manufacturing solutions as well as part-processing improvements with attendees. The company will also offer a series of seminars that will teach attendees the latest metalworking tools, trends and techniques for improved productivity and profitability. For more information, visit www.MazakUSA.com/DISCOVER2015.

November 3-5 – 2015 Detailed Gear Design Beyond Simple Service Factors

Hyatt Place Las Vegas, Las Vegas, NV. This course explores all factors going into good gear design from life cycle, load, torque, tooth optimization, and evaluating consequences. Students should have a good understanding of basic gear theory and nomenclature. For more information, visit www.agma.org.