

April 4–8—2016 Basic Training for Gear Manufacturing: April

Chicago, Illinois. Instructors Dwight Smith, Pete Grossi and Allen Bird teach students the fundamentals of gear manufacturing in this classroom and hands-on course. This course offers training in gearing and nomenclature, principles of inspection, gear manufacturing methods, and hobbing and shaping. In the hands-on gear lab, using manual machines, students can see the interaction between the cutting tool and the workpiece. They understand the process and the physics of making a gear and can apply this knowledge in working with CNC equipment commonly in use. The Basic Course is designed primarily for newer employees with at least six months experience in setup or machine operation, it has also proved beneficial to quality control managers, sales representatives, management, and executives. For more information, visit www.agma.org.

April 5–7—2016 Reliable Plant 2016

Louisville, Kentucky. This three-day event offers attendees learning sessions and case studies on the latest industrial lubrication and oil analysis technologies. The comprehensive conference schedule covers every facet of the machinery lubrication industry and includes workshops on topics such as employee performance, lubrication fundamentals, condition-based maintenance and maintenance planning. The 150,000 square foot exhibit hall, receptions and educational sessions facilitate networking opportunities as well as the implementation of new ideas attendees can bring back to their manufacturing facilities. Reliable Plant is focused on both entry level and management positions within the lubrication industry including engineers, plant managers, maintenance professionals, safety personnel, planners, quality managers and more. For more information, visit <http://conference.reliableplant.com>.

April 15—International Conference of Transportation Engineering 2016

Washington D.C. The International Conference of Transportation Engineering (TEC) promotes innovation and progress in transportation engineering through research. This conference intends to facilitate this goal through an objective and interdisciplinary setting. TEC 2016 focuses on sharing information on transportation practice and policy by researchers and practitioners. The conference stimulates research and offers research management services that promote technical excellence. The one-day schedule includes short courses, panel discussions, workshops, training lectures, papers and plenary lectures. For more information, visit www.gtconf.com.

April 14–15—AGMA Spring Marketing & Forecasting Conference

Crowne Plaza O'Hare, Rosemont, Illinois. Growing automotive production, housing construction and capital spending are positive indicators for gearing in the near term. But, our industry faces risks from uncertain government policies, a slowing energy sector and weak markets in Europe and Asia. Speakers include Randy Disharoon, vice president-strategic accounts at Rexnord and Tom Runiewicz, senior principal economist, IHS Economics, US and World Industry Service. Pricing is \$425 first registrant and \$375 for each additional registrant from the same company. It is only open to employees of AGMA member companies. For more information, visit www.agma.org.

April 16–19—BSA 2016 Convention Aventura, Florida. The Bearing Specialists Association (BSA) brings together the top leadership of authorized bearing distributors and manufacturers and offers an opportunity to grow relationships with trusted supply chain partners. Highlights include the BSA celebrating 50 years of excellence, an annual industry update from John Ruth, president/COO of BDI and BSA vice president and an ABMA update on growth in the bearing industry from Brian Lindsay, CEO, NSK Americas. In addition, performers from Second City will portray the past, present and future of the bearing industry. Rick Smith, co-founder, CloudDDM, will also present "Our 3D Printed Future: How to Successfully Navigate this Historic Shift." For more information, visit www.bsaconventions.org.

April 19–21—AC Machine Design Fundamentals

Madison, Wisconsin. Learn the knowledge and practice of AC electrical machine design so that you can develop competitive electric motors and generators for industrial applications, electric vehicles, appliances, aerospace and naval applications. This three-day introductory course will help attendees gain critical knowledge needed for new products or refining existing designs. This intro-course will teach the basics of electromagnetic laws, magnetic circuit calculations, terminology, fundamentals of loss mechanisms, mechanical design, vibration, noise and thermal analysis and more. By participating in this course, attendees can earn 20 professional development hours (PDH) or 2.0 continuing education units (CEU). This event includes instructors from the University of Wisconsin-Madison, ABB Corporate Research and the University of Kentucky-Lexington. It is a valuable course for electrical engineers, mechanical design engineers, system engineers, project engineers, system integrators, program managers and technical leaders. For more information, visit epd.wisc.edu/RA01413.

May 2–5—2016 Offshore Technology Conference

Houston, Texas. OTC gives attendees access to leading-edge technical information, the industry's largest equipment exhibition, and valuable new professional contacts from around the world. Its large international participation provides excellent opportunities for global sharing of technology, expertise, products, and best practices. OTC brings together industry leaders, investors, buyers, and entrepreneurs to develop markets and business partnerships. The event includes a technical program, R&D topics, OTC training courses and an awards luncheon. For more information, visit 2016.otcnet.org.

May 3–5—Gearbox System Design: The Rest of the Story...

Sheraton Sand Key Resort, Clearwater Beach, Florida. This course focuses on the supporting elements of a gearbox that allow gears and bearings to do their jobs most efficiently. Learn about seals, lubrication, lubricants, housings, breathers, and other details that go into designing gearbox systems. Sponsored by AGMA, this course is taught by Raymond J. Drago, chief engineer, and Steve Cymbala, senior drives engineer, at Drive Systems Technology, Inc. This seminar will start with the basics and then focus on the pros and cons of types of housing construction, housing elements, bearing mounting, selection and role of gearbox accessories, appropriate lubricant selection and more. AGMA members (\$1,895) and non-members (\$2,395). For additional information, visit www.agma.org.