

**April 19–21—AGMA Fundamentals of Gear Design and Analysis**

Indianapolis, Indiana. This course provides a fundamental understanding of gear geometry, types of arrangements, design principles, the basic gear system design process, and gear measurement and inspection techniques. It is designed for powertrain engineers, engineering directors and managers, component suppliers, vehicle platform powertrain development specialists, and those involved in the design and application of geared systems and assemblies. The course will be facilitated by William “Mark” McVea, Ph.D., PE. Dr. McVea is president and principal engineer of KBE+, Inc. where he and his team design and develop complete powertrains for automotive and off-highway vehicles. For more information, visit [www.agma.org](http://www.agma.org).

**April 25–27—Reliable Plant 2017**

Columbus, Ohio. 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 [conference.reliableplant.com](http://conference.reliableplant.com).

**April 30–May 3—CIM 2017**

Montreal, Quebec. Founded in 1898, the Canadian Institute of Mining, Metallurgy and Petroleum (CIM) is the leading technical society of professionals in the Canadian Minerals, Metals, Materials and Energy Industries. The CIM Expo features nearly 450 companies showcasing the latest in mining equipment, tools, technology, services and products. The event includes plenary sessions intended to bring focus and start dialogue around the conference theme of “New State of MINE.” Leaders from all aspects of mining and some from unexpected tangential sectors are brought together in these thought-provoking discussions. For more information, visit [convention.cim.org](http://convention.cim.org).

**May 1–4—Offshore Technology Conference 2017**

Houston, Texas. The Offshore Technology Conference (OTC) is where energy professionals meet to exchange ideas and opinions to advance scientific and technical knowledge for offshore resources and environmental matters. OTC is the largest event in the world for the oil and gas industry featuring more than 2,300 exhibitors, and attendees representing 100 countries. Founded in 1969, OTC’s flagship conference is held annually in Houston. The event 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. Technical highlights include updates on world-class projects, offshore renewable energy, the digital revolution, safety and risk management and more. For more information, visit [www.2017.otcnet.org](http://www.2017.otcnet.org).

**May 2–4—AGMA 2017 Gearbox System Design**

Clearwater Beach, Florida. Learn the supporting elements of a gearbox that allows gears and bearings to do their jobs most efficiently. Gain a deeper understanding about seals, lubrication, lubricants, housings, breathers, and other details that are involved in the designing of gearbox systems. Gear design engineers; management involved with the design and manufacture of gearing type components; metallurgists and materials engineers; laboratory technicians; quality assurance technicians; furnace design engineers; and equipment suppliers should attend. Instructors include Raymond Drago and Steve Cymbala. For more information, visit [www.agma.org](http://www.agma.org).

**May 2–4—Discover More with Mazak**

Schaumburg, Illinois. In addition to real-world part cutting demonstrations of the industry’s most innovative machine tools—including Mazak’s HCN-5000/50 Horizontal Machining Center, Quick Turn 250MSY and Quick Turn Primos 100 Turning Centers—the company will conduct seminars and training sessions centered around its Mazatrol Smooth CNC technology. Furthermore, attendees will discover how easy it is to securely enter the world of IIoT with the Mazak SmartBox. This scalable, end-to-end solution connects manufacturing equipment, including machines, software and other devices, to a factory’s network and allows the free flow of information to management systems via MTConnect. For more information, visit [mazakusa.com/moremid-west](http://mazakusa.com/moremid-west).

**May 16–18—Eastec 2017**

West Springfield, Massachusetts. With more than 500 exhibitors, complimentary conference sessions, industry keynotes and much more, EASTEC is an event dedicated to keeping northeast manufacturers competitive. It’s where manufacturing ideas, processes and products that make an impact in the northeast region, are highlighted through exhibits, education and networking events. The event offers a unique chance to connect with resources that can solve your company’s most pressing problems, improve productivity and increase profits. This year’s show includes in-depth workshops that explore several management topics as well as information on additive manufacturing. The Smart Manufacturing Hub examines IIoT, 3-D printing, and the latest automation technologies. For more information, visit [www.easteconline.com](http://www.easteconline.com).

**May 23–25—Fundamentals of Parallel Axis Gear Manufacturing**

Pheasant Run Resort, St. Charles, Illinois. Koepfer America’s Gear School is designed for entry-level gear manufacturing personnel. Attendees include manufacturing management, industrial engineers, supervisors, set-up personnel, operators and quality control. The seminar is an intensive three-day program with a limited class size of 30, providing an optimum learning environment. The seminar fee includes a workbook, miscellaneous materials and demonstration of current gear manufacturing equipment. Transportation to and from the demonstrations and plant tours will be provided. Seminar Fee: \$975 per person, includes meals. Price of hotel room is not included in seminar fee. For more information, visit [koepferamerica.com/education](http://koepferamerica.com/education).