

**June 27–29—Power-Gen Europe 2017** Cologne, Germany. Power-Gen Europe and co-located Renewable Energy World Europe, is where a rapidly-evolving power industry meets to gather information and compare views on shared opportunities and challenges. Attracting a worldwide audience, it is a key event for advancing Europe's energy future. Featuring the leading suppliers, sub-suppliers, service providers and end-users across the entire power generation value chain, the trade show encapsulates all aspects of today's centralized and distributed power generation sector. Together they combine strategic and technical presentations with the largest trade show exhibition of power equipment and services in Europe. Conference topics include renewable energy, energy storage, plant management, digital tools, and strategies for change. For more information, visit [www.powergeneurope.com](http://www.powergeneurope.com).

**July 5–6—International VDI Congress-Drivetrain for Vehicles** Bonn, Germany. The electrification of the powertrain implies one of the mega trends in transmission development. This technical advancement has impacted the entire automotive industry and affects everyone from the manufacturers, the suppliers and subcontractors up to the drivers themselves. This conference examines the predicted impact and influence of the new electric and hybrid vehicles on the market in terms of suitability for mass production. Here the focus is placed on the requirements that electrified drive systems have to fulfill and how they inspire manufacturers and suppliers in engineering and mechatronics to propel innovative developments to new heights. One of the highlights in Bonn is the accompanying trade show, which over the years has grown to become a major marketplace. More than 100 organizations from around the world present their solutions covering all aspects of the automotive transmission and its components. For more information, visit [www.transmission-congress.com](http://www.transmission-congress.com).

**July 17–21—Coordinate Metrology Society Conference** Snowbird, Utah. The Coordinate Metrology Society (CMS) has announced that attendee registration is now open for the 2017 Coordinate Metrology Society Conference (CMSC). The CMS will convene this year at the Snowbird Meeting and Convention Center in Snowbird, Utah, July 17–21, 2017. The eminent membership association for 3-D measurement professionals gathers annually to learn about technology achievements, network with industry experts and get a pulse on the metrology industry. Weekly registration includes entry to more than 20 technical sessions, workshops, the ever-popular Measurement and Education Zone, CMSC Exhibition Hall and networking events, as well as post-conference access to all technical papers and presentation materials. CMSC 2017 affords an educational opportunity for anyone interested in 3D measurement and inspection solutions utilized in manufacturing, research and development, and various scientific fields. For the 33rd year in a row, the CMS has connected with metrologists through education and technology. For more information, visit [www.cmsc.org](http://www.cmsc.org).

**July 31–August 3—CAR Management Briefing Seminars** Grand Traverse Resort, Traverse City, Michigan. Initiated by the University of Michigan in 1965, the first Center for Automotive Research Management Briefing Seminars (CAR MBS) hosted only 30 people. When the industry was at its highest number of employment, the event grew to attract more than 1,400 attendees annually from more than 35 states and 15 countries—representing industry, academia, media and the government. CAR MBS leads the industry in providing a context for auto industry stakeholders to discuss critical issues and

emerging trends while fostering new industry relationships in daily networking sessions. Seminars include targeted sessions on manufacturing strategy, vehicle lightweighting, connected and automated vehicles, advanced powertrain, supply chain, sales forecasting, purchasing, talent and designing for technology. For more information, visit [www.cargroup.org](http://www.cargroup.org).

**August 1–3—Ipsen U 2017** Cherry Valley, Illinois. Continuing Ipsen's long-standing tradition of offering training that teaches best practices and help improve the performance and lifespan of your equipment. Ipsen's newly remodeled, state-of-the-art space offers an ideal arena for attendees to build and refresh their knowledge of heat-treating equipment, processes and maintenance through applied learning. For those that prefer to stay close to home, Ipsen will also be providing additional one-day courses throughout the United States. Specific topics that will be covered during these local seminars include vacuum and atmosphere furnace maintenance best practices, optimizing operations with predictive maintenance and achieving and maintaining aerospace compliance. Overall, both training opportunities will teach best practices for regaining control of your equipment and offer expert insight into specific maintenance issues you might be experiencing on a daily basis. For more information, visit [www.ipseusa.com](http://www.ipseusa.com).

**August 10—The Changing Landscape of Additive Manufacturing Materials** Youngstown, Ohio. SME and America Makes come together to bring you this one-of-a-kind seminar. 3D Printing has significantly grown in recent years and is expected to quickly grow over the next few years. Discover which materials and filaments are most durable, what types of machines to use, certification/qualification standards as well as how to reduce cost, and increase profitability. Participating companies include GE, the U.S. Army, Northrop Grumman, and more. Topics include new materials, aerospace production, material implementation, expanding design space and the future of additive manufacturing. For more information, visit [smartmanufacturingseries.com](http://smartmanufacturingseries.com).

**August 21–22—Design and Production Engineering 2017** Birmingham, U.K. The Design & Production 2017 Conference brings together experts, researchers, scholars and students from all areas of mechanical engineering including design engineering, manufacture engineering, production engineering, vehicle engineering and other related areas such as mechatronics, bio-inspired robotics, prosthetic design and bio-inspired design. This conference offers an opportunity to attend the presentations delivered by eminent scientists, researchers, experts from all over the world. Topics include reshoring, manufacturing innovations, material science, aerospace, maintenance and more. For more information, visit [www.design-production.conferenceseries.com](http://www.design-production.conferenceseries.com).

**September 6–8—AGMA 2017 Bevel Gear System Design** San Diego, CA. Learn how to design and apply bevel gears systems from the initial concept through manufacturing and quality control and on to assembly, installation and maintenance. Engage in a practical hands-on guide to the bevel gear design, manufacture, quality control, assembly, installation rating, lubrication and, most especially, application. Engineers, technicians, and others involved in the selection, application and/or design of bevel gear systems should attend. Ray Drago is the instructor. For more information, visit [www.agma.org](http://www.agma.org).