

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.

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.

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.

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.

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.

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.

September 18–22—AGMA 2017 Basic Training for Gear Manufacturers

Oak Lawn, Illinois. Learn the fundamentals of gear manufacturing in this hands-on course. Gain an understanding of gearing and nomenclature, principles of inspection, gear manufacturing methods, and hobbing and shaping. Utilizing manual machines, develop a deeper breadth of perspective and understanding of the process and physics of making a gear as well as the ability to apply this knowledge in working with CNC equipment commonly in use. This course is taught at Daley College. A shuttle bus is available each day to transport students to and from the hotel. Although the Basic Course is designed primarily for newer employees with at least six months' experience in setup or machine operation, it has proved beneficial to quality control managers, sales representatives, management, and executives. Course instructors are Dwight Smith, Allen Bird and Peter Grossi. For more information, visit www.agma.org.

September 19–22—Process Expo 2017

McCormick Place, Chicago, Illinois. Process Expo represents the pinnacle of food technology bringing together the world's most successful food and beverage processors, equipment manufacturers and leaders in the field of academia. It is owned and organized by the Food Processing Suppliers Association (FPSA), a global trade association serving suppliers in the food and beverage industries. Nearly 600 food processing and packaging exhibitors will display machines, products and services specific to food and beverage processing. For more information, visit www.myprocessexpo.com.