

**June 6–8—Western Manufacturing Technology Show 2017**

Edmonton Expo Center, Edmonton, Alberta. As the most important manufacturing technology event in Western Canada, the Western Manufacturing Technology Show is a venue for the manufacturing community to come together as one, whatever the current manufacturing environment. Leading-edge machine tools, tooling, metal fabrication, design engineering and advanced manufacturing equipment will all be on display under one roof. With keynotes, panel discussions and interactive technology exchanges on the event floor, participants can be sure to connect with other stakeholders on timely topics including sourcing the future workforce and government programs driving innovation along with updates on energy forecasts and impacts to the region. For more information, visit [www.wmts.ca](http://www.wmts.ca).

**June 12–14—AGMA Gear Failure Analysis Big Sky, Montana.**

Learn the skills necessary to diagnose gear failures and prescribe remedies. Study six classes of gear tooth failure: overload, bending fatigue, hertzian fatigue, wear, scuffing, and cracking. Examine each failure mode as illustrated by color slides and field samples because of the magnification inherent in slide projection. Engage in group activity and discussion in a hands-on practical exercise using field samples and a case study. Recommended preparation for Gear Failure Analysis is the archived AGMA webinar, Metallurgy of Gear Materials, presented by Dr. Phil Terry. This webinar is excellent especially for those with no training in metallurgy. The webinar is available by download free for members and \$159 for non-members. Gear engineers, users, researchers, maintenance technicians, lubricant experts, and managers should attend. Instructors include Robert Budny, Robert Errichello and Jane Muller. For more information, visit [www.agma.org](http://www.agma.org).

**June 13–16—PowderMet 2017**

Las Vegas. The International Conference on Powder Metallurgy and Particulate Materials will present leading companies featuring the latest PM equipment, powders, products, and services. Over 200 worldwide industry experts will present the latest in powder metallurgy, particulate materials and metal additive manufacturing. Additionally, the program for the fourth annual Additive Manufacturing (AM) with Powder Metallurgy (PM) conference, AMPM2017, is available online. Featuring worldwide industry experts presenting on the latest developments in the fast-growing field of metal additive manufacturing, the conference will be held June 13–15, 2017, at the Bellagio Hotel, Las Vegas, Nevada. The technical program is more robust than ever before with over 70 technical presentations. AMPM2017 shares several events and an exhibit hall with the co-located PowderMet 2017. For more information, visit [www.powdermet2017.org](http://www.powdermet2017.org).

**June 13–16—HxGN Live 2017**

Las Vegas. Professionals from around the world attend this four-day event showcasing the latest data-driven developments enabled by Hexagon's newest metrology and manufacturing solutions for the Smart Factory. This year's theme, "The Shape of Potential," sets the stage for attendees looking to re-engineer product development from concept to reality in a connected world where data informs the process every step of the way. The conference's centerpiece is The Zone, which displays more than 50,000 square feet of Hexagon technologies and more than 60 exhibiting sponsors. For more information, visit [www.hxgnlive.com](http://www.hxgnlive.com).

**June 20–22—AGMA 2017 Gear Manufacturing and Inspection**

St. Augustine, Florida. Learn key factors in the inspection process that lead to better design of gears. Develop a broad understanding of the methods used to manufacture and inspect gears. Discover how the resultant information can be applied and interpreted in the design process. (Please Note: This seminar is not a tutorial in the mechanics of machine operation; rather, the content addresses the relation between the manufacturing/inspection sequence and the detailed gear design process.) Gear design engineers; management involved with design, maintenance, customer service, and sales should attend. The course is instructed by Raymond Drago. For more information, visit [www.agma.org](http://www.agma.org).

**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. For more information, visit [www.transmission-congress.com](http://www.transmission-congress.com).

**July 17–21—Coordinate Metrology Society Conference**

Snowbird, Utah. 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.cmssc.org](http://www.cmssc.org).