

Sept 13–15—Gear Failure Analysis Seminar. Big Sky Resort, Big Sky, MT. AGMA's Gear Failure Analysis Seminar examines various types of gear failure, including macropitting, micropitting, scuffing, tooth wear and breakage. The possible causes of these failures are presented along with suggestions on how to avoid them. Lectures are paired with slide presentations, hands-on workshops with failed gears and Q&A sessions designed to provide comprehensive understanding of reasons gears fail. Attendees are encouraged to bring their personal failed gears or photographs of them to discuss. The seminar aims to help solve everyday problems faced by gear engineers, researchers, maintenance technicians, lubricant experts or managers. For more information, visit www.agma.org/events-training/detail/gear-failure-analysis-seminar/.

September 21–23. Atlantic Manufacturing Technology Show. Exhibition Park, Halifax, Nova Scotia. Atlantic Manufacturing Technology Show (AMTS) brings manufacturers together to connect on new technology and new products. The Atlantic Canada region is home to more than 2,600 manufacturing companies employing nearly 24,000 workers. AMTS will bring together diverse industries such as aerospace, defense, heavy equipment, mining, energy, wood products, machinery and metal fabrication. For more information, visit www.sme.org/amts.

September 28–30—Gear Manufacturing and Inspection Training. Concordville Hotel and

Conference Center, Concordville, PA. AGMA and Raymond Drago present this training session on the methods, practices, application and interpretation for the design engineer. Attendees gain a broad understanding of the methods used to manufacture and inspect gears and more. The seminar takes it one step further, by teaching how the resultant information can be applied and interpreted in the design process. The premise of the seminar is that it is critical for the design engineer to understand the manufacturing and inspection processes that will be employed so that the intent of the design can be successfully translated into practice. Cost for AGMA members is \$1,395 per individual, \$1,195 for groups from the same company; \$1,895 for non-members, \$1,695 for groups from the same company. For more information, visit www.agma.org/events-training/detail/gear-manufacturing-inspection1/.

October 4–8—Basic Training for Gear Manufacturing. Richard J. Daley College, Building 300, 7500 S. Pulaski Rd., Chicago. Through classroom and hands-on training from AGMA, attendees learn to set up machines for maximum efficiency, inspect gears accurately and understand basic gearing. The course covers gearing and nomenclature, principles of inspection, gear manufacturing methods and hobbing and shaping. The course is intended for those with at least six months of experience in setup or machine operation, though most everyone can benefit. Past students have included executives, sales representatives and quality control managers. For more information,

e-mail Jenny Blackford at blackford@agma.org or visit www.agma.org/events-training/detail/basic-training-for-gear-manufacturing2/.

October 5–7—North American Offshore Wind Conference and Exhibition. Atlantic City, NJ. The North American Offshore Wind Energy Conference and Exhibition will provide opportunities for networking, learning and collaborating. The event includes an exhibit floor, posters, technical sessions, business and policy sessions, as well as an offshore supply chain track. The supply chain track will examine the needs, opportunities, barriers and challenges to manufacturing, transporting and constructing off-shore wind turbines. For more information, visit www.offshorewindexpo.org.

October 20–21—Manufacturing Innovations-Aerospace/Defense. Gaylord Palms, Orlando, FL. Manufacturing Innovations-Aerospace/Defense is exclusively designed for aerospace and defense manufacturers and suppliers, addressing an expanding market with specific needs for innovation, precision, accelerated production and improved quality. The event will be co-located with the Aerospace Measurement, Inspection and Analysis Conference. For more information, visit www.sme.org/aerospacedefense.