

June 27–30—PowderMet 2010. The Westin Diplomat, Hollywood (Ft. Lauderdale), FL. The 2010 International Conference on Powder Metallurgy and Particulate Materials is the main event of the powder metallurgy (PM) industry in North America. Over 170 worldwide industry experts will present the latest in PM and particulate materials. The technical conference consists of 34 sessions where three papers will be presented. The corresponding trade exhibition consists of 100 booths showcasing suppliers of PM processing equipment, powders and products. Special conference events include guest speakers, luncheons, Sunday evening's welcome reception and Tuesday evening's dinner and main social event. Attendance is open to powder metallurgists; educators and students; design, mechanical and materials engineers; technicians; production personnel; management and other persons interested in any aspect of PM, particulate materials and related technologies. For more information, visit www.mpif.org/Meetings/2010/10_gateway.htm.

July 12–16—Coordinate Metrology Systems Conference. World-Class Grand Sierra Resort, Reno, NV. The 26th annual Coordinate Metrology Systems Conference (CMSC) is organized by the Coordinate Metrology Society (CMS), the membership association for measurement professionals. This five-day event is the only North American conference that caters solely to professionals using portable 3-D coordinate measurement technology on manufacturing factory floors and in science laboratories. Attendees include expert and novice quality professionals, metrologists, manufacturing executives, scientists, students, teachers and more. In addition to white paper presentations, the conference also features workshops, standards seminars, user group meetings and networking events. For more information, visit www.cmsc.org.

July 26–28—Basic PM Short Course. Penn Stater Conference Center Hotel, State College, PA. This three-day course is designed for users of powder metal (PM) parts and those looking for an introduction to PM, to update knowledge on recent developments in PM, to broaden background in the field and to enhance advancement opportunities through expanding knowledge. Attendees do not need a technical background to benefit from this basic short course. It is designed for engineers, tool designers, product designers, metallurgists, supervisors, purchasing agents, technicians, managers, hands-on workers, administrators, quality control personnel or office personnel. Topics covered include the history

of PM—including current and future developments, why PM is a viable method of producing metal parts, why use is widespread in industries, designing for PM, how metal powders are produced, different designs used in compacting tools, how sintering develops the functional properties, metal injection molding, secondary operations, MPIF standards, special tests for powders and more. Attendees receive over \$400 worth of publications. For more information, visit www.mpif.org/meetings/2010/2010_Basic_sc.pdf.

August 17–18—NFPA Industry and Economic Outlook. Westin Chicago North Shore Hotel, Wheeling, IL. AGMA members are invited to join the National Fluid Power Association (NFPA) at the intersection of marketing and strategy for the Industry and Economic Outlook Conference. The event offers hard economic data and expert analysis along with additional focus into the technology breakthroughs likely to impact mobile and industrial markets. The conference includes analysis of markets critical to AGMA members and gear manufacturers: industrial, construction, heavy trucks and agriculture/farm machinery. Familiar past-AGMA speakers will provide macro-level analysis and forecasts, including Jim Meil, Eaton Corporation, Eli Lustgarten, ESL Associates and Alan Beaulieu, Institute for Trend Research. Prior to July 9, AGMA members can register for this conference for \$750 (\$850 after), by registering as "Invited Guest" at the conference website, www.nfpa.com/Events/2010_IEOC_ProgramDetails.asp.

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/.