

December 8-9—AGMA Strategic Resources Network/Regional Meeting.

Haas Automation, Inc. headquarters, Oxnard, CA. This event combines a tour of Haas Automation, Inc.'s facility with educational sessions addressing gear marketing and manufacturing as a unique niche, tools to weather the economic downturn, manufacturing in a green economy and an introduction to AGMA's new System Efficiency Initiative. The first day of the meeting consists of a golf outing and networking dinner. The Strategic Resources network is a group consisting of new and upcoming gear industry professionals in AGMA. The goal is for participants to grow by providing educational forums addressing leadership, best business practices, AGMA programs and personal development. Cost is \$395 for members, \$450 for nonmembers. For more information, visit www.agma.org/events-training/detail/strategic-resources-network-regional-meeting/.

December 8-10—Basic Gear Manufacturing Technology.

Gear Manufacturing, Inc. headquarters, Anaheim, CA. The Gear Consulting Group presents this three-day course to emphasize basic gear theory applications to different machining methods. The problems encountered with each gear manufacturing process are covered, focusing on inspection. Participants will learn to understand the results of inspection data for identifying and correcting problems. Some of the topics covered include basic gear theory, cutting speeds and feeds, cutter materials, cutter coatings, cutter sharpening, tool selection, standards and manufacturing methods. Cost is \$850 for AGMA members, \$950 for nonmembers. Register online through the Gear Consulting Group website, www.gearconsultinggroup.com/Registration Form.htm.

December 8-10—Wall Colmonoy's Brazing School.

Wall Colmonoy Brazing Engineering Center, Cincinnati, OH. This three-day brazing course from Wall Colmonoy Corporation covers brazing design, metallurgical aspect of modern furnace brazing, brazing material selection, brazing operations, quality control, real-life applications and case studies. New this year is a half-day of practical experience on the shop floor consisting of pre-cleaning, blasting, selecting fixture, setting furnace cycle, examining brazed parts and filler metal application methods. For more information, visit www.wallcolmonoy.com.

January 28-30, 2010—PM-10.

Sheraton Rajputana Palace Hotel, Jaipur, India. This international conference and exhibition on powder metallurgy in processing of particulate materials and products is organized by the Powder Metallurgy Association of India. A trade exposition is complemented by a technical program addressing processing and production of particulate

materials through powder metallurgy, with emphasis on new technologies that expand component application range. An industrial workshop is held where manufacturing specialists discuss the equipment and techniques for processing and evaluating metallic, ceramic, cermet and diamond tool components. For more information, e-mail support@kandoimetals.com, or visit www.pmai.in.

February 16-18, 2010—Gear Materials Seminar.

Sheraton Sand Key Resort, Clearwater Beach, FL. This course demonstrates how gear design engineers first approach material selection and heat treatment technology by the performance and life requirements of a gear set. It also demonstrates how gear metallurgists can participate in and optimize the final gear manufacturing process. Part of the program includes examples of gear-related problems, failures and improved processing procedures, while analysis and commentary of various relevant failures are presented. The seminar is designed for gear design engineers, management involved with designing and manufacturing gear-type components, metallurgists and materials engineers, lab technicians, quality assurance engineers, furnace design engineers and equipment suppliers. For AGMA members, cost is \$1,895 for the first registrant per company and \$1,695 for each additional registrant. For nonmembers, the cost is \$2,395 for the first registrant per company and \$2,195 for each additional registrant. For more information, contact events@agma.org or visit www.agma.org/events-training/detail/gear-materials/.

March 17-19, 2010—Basic Gear Noise Short Course.

Gear and Power Transmission Research Laboratory, The Ohio State University, Columbus, OH. Having been offered for over 30 years, the Basic Gear Noise Short Course teaches participants how to design gears to minimize the major excitations of gear noise, which include transmission error, dynamic friction forces and shuddering forces. Other topics include fundamentals of gear noise generation, gear noise measurement, gear rattle, transmission dynamics and housing acoustics. Demonstrations of specialized gear analysis software and Ohio State gear test rigs will be performed. An interactive workshop allows attendees to present their specific gear and transmission noise concerns. An advanced version of this course is offered March 22-23. For more information, contact Jonny Harianto, harianto.1@osu.edu, or visit www.gearlab.org/shortcourse.