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TECHNICAL CALENDAR

AGMA GEAR SCHOOL

The AGMA Training School for Gear Manufacturing is held at Daley College, Chicago, IL. This one-week course is designed for employees with a least six months' experience in setup or machine operation, and it covers setup, gear inspection, gear calculations and basic gearing principles. The curriculum includes both classroom and hands-on training in hobbing, shaping and inspection. The remaining sessions for 1997 will be held Sept. 22-26 and Nov. 17-21.

For more information, contact Susan Fentress at AGMA. Phone 703-684-0211, fax 703-684-0242, Send e-mail to agma@clark.net or log on to www.agma.org.

OTHER EVENTS OF INTEREST

Sept. 4-5. Metalworking Software Expo '97. Chicago Marriott O'Hare, Chicago, IL. This exhibition will display the latest software and hardware for job shops involved in production machined parts, screw machine parts, dies and molds, fabricated parts and assemblies, stampings, castings, die castings, forgings, fasteners, springs, metal finishing and heat treating. Software applications include CAD/CAM and engineering systems, integrated management systems, office automation, data collection, CNC machine control systems, quality management systems and special application software. Contact Michelle Jenkins at Gardner Management Services, 1-800-950-8977 or fax 513-527-8950.

GEAR NOISE COURSES

Sept. 9-11. Gear Noise Short Course (Basic). Ohio State University. This course will cover how gear design parameters and manufacturing errors affect noise. Principles of gear transmission error, methods of predicting such errors, gear system dynamics, gear rattle and advanced signal processing. The course is designed for engineers and technicians in the automotive, transportation, machine tool, process machinery, aircraft, appliance, general manufacturing and gear manufacturing industries. Appropriate for gear designers with little knowledge of noise analysis and noise specialists with no prior knowledge of gears.

Sept. 16-17. Gear Noise Short Course (Advanced). This two-day session is for those who have previously completed the basic gear noise course. It will include workshops and lectures on advanced topics: i.e., computer modeling, transmission error prediction, general system dynamics, bearing and casing dynamics, acoustic radiation, advanced signal processing, etc.

For registration information about both courses, call Martha Leming at 614-292-2226 or e-mail her at leming.1@osu.edu.

Sept. 14-18. 17th ASM Heat Treating Society Conference & Exposition. This event will cover every aspect of heat treating—equipment, processes, microstructures, properties, control of distortion, quality and cleaning. In addition to the programs and presentations, some 250 exhibitors will demonstrate products and answer questions regarding equipment, processes, supplies and services. Call 800-ASM-4HTS (216-338-5151 x5900 outside U.S.), fax

TECHNICAL CALENDAR

216-338-4634, e-mail Mem-Serv@po.asm-intl.org or log on to www.asm-intl.org/event97/.

Sept. 15-18. MechanCAD. Ramada Congress Hotel, Chicago, IL. Billed as the PC-Based Mechanical Design Conference, this symposium offers a series of seminars, classes and demo sessions designed to provide training for drafters, designers and engineers using PC-based mechanical design software. Covers a variety of subjects including data exchange, virtual and rapid prototyping, engineering drawing and document management systems, collaboration on intranets and the Internet, finite element analysis, product data management and more. For more information, call 800-789-2223, fax 972-385-9003 or log on to www.mechanCAD.com.

Sept. 22-24. Technology 2007 Convention & Exposition. Hynes Convention Center, Boston, MA. Sponsored by NASA, *NASA Tech Briefs* and The Technology Utilization Foundation, this convention is for engineers, scientists, managers, developers and entrepreneurs who need to stay on the cutting edge of technology development and/or who are looking for commercial partners. For more information, call 212-490-3999 or check the convention Web site at www.nasatech.com/t2006.

Sept. 30-Oct. 2. Wisconsin Manufacturing & Tool Expo. Wisconsin State Fair Grounds, West Allis, WI. This show will be of interest to companies who market metal cutting and forming equipment, tooling accessories, CAD/CAM, quality control, and manufacturing software and systems. Call 414-367-5500 or fax 414-367-9956 for more information.

Oct. 1-3. Bevel Gear Course. University Center for Continuing Education, UW-Milwaukee, Milwaukee, WI. Three-day seminar covering bevel gear design, application and use is aimed at the gear user, designer and beginning-to-intermediate gear technologist. Emphasis is on the proper selection, design, application, qc, assembly, installation and maintenance of bevel gear systems. For more information, call Valerie Jordan, 414-228-3167, send an e-mail message to vjordan@csd.uwm.edu or log on to www.uwm.edu/Dept/CCEE.

SME CONFERENCES

Oct. 21. Plastic Gearing Clinic. Detroit Crowne Plaza Hotel, Detroit, MI. One-day seminar on designing gears with plastics.

October 22-23. Gear Metrology Clinic. Detroit Crowne Plaza Hotel, Detroit, MI. Both of these conferences are sponsored by the SME. For more information, call Susan Hunt at SME headquarters, 313-271-1500 x352, fax 313-271-2661, e-mail huntsus@sme.org or log on to www.sme.org.

Nov. 9-11. AGMA Fall Technical Meeting. San Diego, CA. Presentations on a variety of gear subjects by experts from around the world. For more information, contact AGMA at 703-684-0211, fax 703-684-0242, e-mail agma@clark.net or log on to www.agma.org.

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