

Winter 2006—Induction Heating Training. This course is held at the customer's facility or at Inductoheat's Madison Heights, MI, facility. The course focuses on metallurgy and heat treating principles, specifics of induction heating applications, power supply load matching, electromagnetics, thermal processes and mathematical modeling and computer maintenance. Basic, intermediate and advanced level courses are offered. The on-site training charge is the current service rate (about \$1,200 per day) for onsite training. Training at the Inductoheat facility is free, and the next scheduled training is September 15–16, 2006. For more information, contact Inductoheat by telephone at (800) 624-6297 or on the Internet at www.inductoheat.com.

March 7–9—Expo Manufactura. Cintermex, Monterrey, Mexico. Mexico's leading machine tool and metalworking expo. Technology is separated into machine tools, CAD/CAM and software, quality manufacturing, fabricating and forming, lasers, automation and controls, assembly equipment, electronic manufacturing, robotics and welding. Registration is free and takes place on-site. For more information, contact E.J. Krause & Associates by telephone at (301) 493-5500.

March 7–10—Metal Gear Design and Manufacturing. UTS facility, Rockford, IL. This class begins with basic gear theory and proceeds through such advanced topics as minimum weight design strategies, gear size, geometry design, rating, produc-

ability analysis, torsional analysis, gear noise, lubrication and profile analysis. Also introduces concepts of tool design and tooling selection. \$1,250. Participants can also register for TK Solver training on March 6 for an additional \$295. For more information, contact UTS by e-mail at sales@uts.com.

March 27–30—WESTEC 2006 Expo and Conference. Los Angeles Convention Center, Los Angeles, CA. Sponsored by the Society of Manufacturing Engineers, this event showcases the latest automation and assembly solutions for the aerospace, automotive, biotechnology, chemical, computer, cosmetics, defense and electronics industries. Registration is free until March 10, 2006. After that time, registration is \$50. For more information, visit the Society of Manufacturing Engineers on the Internet at www.sme.org.

April 5–7—Detailed Gear Design: Beyond the Simple Service Factors. Flamingo Hotel, Las Vegas, NV. An intensive seminar to help designers understand gear rating and analysis factors, ISO/AGMA analysis methods, differences in stress states, optimization of gear tooth design parameters and much more. Seminar is run by Ray Drago. Prices range from \$1,195–\$1,895. For more information, contact the American Gear Manufacturers Association by telephone at (703) 684-0211 or on the Internet at www.agma.org.

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