

calendar

April 9–13—Materials Research Society Annual Spring Meeting 2007. San Francisco Marriott, San Francisco, CA. The annual meetings will feature 36 technical symposia in five topical clusters, as well as an international exposition. \$440 for MRS members, \$550 for non-members. For additional information, visit the association's website at www.mrs.org/spring2007 or call (724) 779-3003.

April 9–15—China International Machine Tool 2007. China International Exhibition Center, Beijing, China. This year's show offers a USA Technology and Service Center that provides AMT members space for machine demonstrations, training facilities, spare parts storage and service capabilities. Chinese customers can view live machine demos and discuss manufacturing options. For more information, visit the sponsor's website at www.cimtshow.com or email at cmtba@cmtba.org

April 16–20—Hannover Messe World Trade Fair for Industrial Technology. Hannover Fairgrounds, Hannover, Germany. The 2007 exhibit program includes Industrial Automation; Motion, Drive & Automation; Digital Factory; Subcontracting; Energy; Pipeline Technology; FM Solutions; Comvac; Surface Technology; Microtechnology; and Research and Technology. Full event tickets are 48€ (\$64) in advance, 57€ (\$75) on site. Day tickets are 21€ (\$28) in advance, 26€ (\$35) on site. For more information, visit the show's website at www.hannovermesse.de.

April 24–26—Automation Technology Expo South. Georgia World Congress Center, Atlanta, GA. Five events are co-located at this convention center including:

- South Pack—serving the packaging marketplace.
- Automation Technology Expo South—design and manufacturing show for the southeast markets.
- Powder & Bulk Solids Conference Expo—Targeted for professionals working in dry process manufacturing.
- AM Expo—advanced manufacturing conference and expo.
- PlasTec South—for the southeast's plastics processing marketplace.

For attendees who pre-register online or bring show material with you on-site, registration is free. For more information contact the show's website: www.devicelink.com/expo/spack2007.

May 3—Interoperability and 3D Collaboration. Marriott Renaissance Center, Detroit, MI. The conference provides an opportunity to learn about the latest data exchange software tools. This is the only CAD-neutral conference in the world that addresses collaboration with 3D data. Co-located with RAPID 2007 Conference & Expo and 3D Scanning: Reverse Engineering and Desktop. SME member registration is \$525 before April 14 and \$625 after April 14. Non-member registration is \$575 before April 14 and \$675 after April 14. For more information, visit the Society of Manufacturing Engineers website at www.sme.org/interop.

May 4–8—Bearing Specialists Association Convention. Marriott Resort, Marco Island, FL. An opportunity for authorized distributors to visit with policy-making executives of supplier companies. For registration details, visit the association's website. For more information, contact the Bearing Specialist Association website at www.bsa.org.

May 8–10—Vehicle Dynamics Expo 2007. Messe Stuttgart Killesberg, Germany. OEM and Tier I vehicle dynamics teams display and discuss chassis, suspension, steering, brake, ride and handling engineering. This event is free and visitors also have access to Automotive Testing Expo Europe, Engine Expo and the European Automotive Components Show. This event is not open to the general public. For more information, visit the show's website at www.vehicledynamics-expo.com.

May 14–15—Understanding Variable Frequency Drives. Ramada Inn, Des Moines, IA. Seminar teaches participants to solve common variable frequency drive (VFD) problems, learn practical troubleshooting techniques, keep equipment up and running, identify hazards, and recognize the main components of a VFD system. It also teaches familiarity with installation requirements and motor/load requirements. \$895. This training is also offered in-house. For more information, contact American Trainco by telephone at (877) 97-Train or on the Internet at www.AmericanTrainco.com.

May 16–18—Gear Design Seminar: Beyond Simple Service Factors. Lago Mar Resort, Fort Lauderdale, FL. Lago Mar Resort, Fort Lauderdale, FL. Taught by Ray Drago, Drive System Technology, this course is designed for gear engineers, designers, and application engineers. Attendees will be introduced to gear rating theory and standardization, differences in stress states among surface durability failure modes, extended load capacity analysis techniques, optimization of gear tooth design parameters and more. Costs range from \$1395 to \$1895. For more information, visit the association's website at www.agma.org.

May 15–17—10th Annual Metal Finishing News Shot Peening Workshop and Trade Show. Hilton Clearwater Beach Resort, Clearwater, FL. Seminar consists of FAA-approved basic, intermediate and advanced courses. Hands-on training for flap peening and residual stress measurement equipment is available as well. \$790 per person, per class for a company's first participant, \$740 per person for 2-3 participants and \$690 per person for four or more participants. A 15% discount is available for participants who enroll in both the basic and intermediate courses. For more information, send an e-mail to info@mfn.li or visit the show's website at www.mfn.li/workshops.