

July 7–11—ICME 2013. Salt Lake Marriott Downtown at City Creek, Salt Lake City, Utah. Integrated Computational Materials Engineering (ICME) has received international attention due to its potential to shorten product and process development time, while lowering cost and improving outcome. Building on the success of the 2011 conference, the 2nd World Congress on ICME will bring together researchers, educators and engineers to examine topics relevant to the global advancement of ICME as an engineering discipline. This conference will provide a forum for presentations and discussions on the ICME approach, challenges of integrating models, data management issues and engineering education, and it will set the stage for further growth in the worldwide application of ICME. The event is sponsored by Ford Motor Company, University of Michigan, Carnegie Mellon University, NIST and Fraunhofer Institute for Mechanics of Materials. For more information, visit www.tms.org.

July 22–24—Review of Progress in Quantitative Nondestructive Testing Conference. Hilton Baltimore, Baltimore, Maryland. Following the success of the previous nine programs, the 10th International Conference on Barkhausen Noise and Micromagnetic Testing will be held in Baltimore, Maryland in July of 2013. It is the first time the conference will be held in the USA and it will be held in conjunction with the 40th Review of Progress in Quantitative NDE. The ICBM Organization is honored to be included within the 2013 QNDE Conference. The ICBM Special Sessions will be held from July 22–24, 2013 within the QNDE Conference, which will be held from July 21–26, 2013. The Review of Progress in Quantitative Nondestructive Evaluation (QNDE) is a premiere international NDE meeting designed to be an interface between research and early engineering for the presentation of ideas and results to transfer to engineering development. The annual QNDE conference is sponsored by QNDE Programs and organized by the Center for Nondestructive Evaluation at Iowa State University in cooperation with the AFRL, ARL, ASNT, IEEE, DOE, FAA, NASA-LaRC and the NSF. The proceedings from the conference are published by the American Institute of Physics. For more information, visit www.qndepgrams.org.

August 8–10—International Gear Transmission and Equipment Expo 2013. China International Exhibition Center, Beijing, China. With an emphasis on high-end manufacturing in China, the Expo is a great starting point for business meetings and technical exchange. Forum topics for the 2013 show include: new materials and techniques, high accuracy machine tools, heat treatment technology, shot-blasting technology, trends in gear cutting, gear measuring developments, automotive transmission technology, fatigue resistance and a technology roadmap for the gear industry between 2013 and 2030. The reoccurring themes for the 2013 show include the reallocation of upstream and downstream resources, tackling core technology and industrial upgrading. 680 exhibitors and more than 50,000 visitors will take part in the 9th GTE Expo. For more information, visit www.chinagte.com.

August 19–21—Gear Failure Analysis Seminar. Big Sky Resort, Summit Lodge, Big Sky, Montana. In AGMA's Gear Failure Analysis Seminar, attendees will examine the various types of gear failure, such as macropitting, micropitting, scuffing, tooth wear and breakage. Possible causes of

these failures will be presented, along with some suggested ways to avoid them. Robert Errichello will use a variety of tools and methods – lectures, slide presentations, hands-on workshops with failed gears and Q&A sessions – to give you a comprehensive understanding of the reasons for gear failure. Participants are encouraged to bring their own failed gears or photographs and discuss them during the Q&A sessions. The seminar brings together a vast amount of knowledge not available elsewhere. It will help you solve everyday problems whether you are a gear engineer, user, researcher, maintenance technician, lubricant expert, or manager. The course manual can be used as a permanent reference and guide for failure analysis. For more information, visit www.agma.org.

September 16–21—EMO Hannover 2013. Hannover, Germany. Under the motto “Intelligence in Production,” the EMO will be showing what modern-day production technology looks like and who is offering it. “Everyone wants to be there. That’s why once again the EMO Hannover is well set to continue its success story,” says Carl Martin Welcker, general commissioner of the EMO Hannover 2013. At the beginning of the year, more than 1,600 companies from 34 different countries had already registered: they will be occupying around 145,000 m² of net exhibition space. Thus the current registration status is significantly higher than the comparable figure for the preceding event. The flourishing demand among vendors of production technology evidences the high perceived importance of the EMO Hannover as one of the sector’s international highlights and as a superlative platform for innovations. “Meet the world at EMO” is one of the most important arguments for participating. It’s not only German manufacturers who have registered for large-size stands. Asian companies are particularly prominent in showing the flag, firms from Japan, China, Taiwan and Korea who are keen to play a bigger role on the global market. They have once again upsized their areas compared to the preceding event’s equivalent period, a trend that’s been observable for some years now. In all, Asia currently accounts for a good fifth of the EMO’s exhibitors. For more information, visit www.emo-hannover.de.

September 17–19—Gear Expo 2013. Indiana Convention Center, Indianapolis, Indiana. Gear Expo is a biennial event and the world’s only conference and expo designed exclusively for the gear industry. For three days, gear buyers and manufacturers network and build relationships that benefit their respective companies. Attendees see firsthand the latest technology on the market and discuss trends in the industry with experts. Exhibitors have the opportunity to meet face-to-face with attendees and other exhibitors and will display more than 750,000 pounds of machinery on the show floor. Thousands of professionals from around the United States, international manufacturing hubs, and emerging markets conduct profitable business transactions and collaborate on the innovations that make their operations more streamlined. The ASM Heat Treating Society Conference and Exposition is co-located with Gear Expo 2013. For more information, visit www.gearexpo.com.