

April 1–2 – Human Error Prevention Seminar. Charlotte, North Carolina. The principles and practices of human error prevention are universally applicable regardless of the type of industrial, commercial or governmental enterprise, and regardless of the type of function performed within the enterprise. This seminar is truly unique and up to date with the latest developments in human error prevention. Ben Marguglio's new taxonomy of human error causal factors and his human error-related models demonstrate his leadership in this subject. Examples and case studies amply reinforce the human error prevention principles and practices. Upon seminar completion, attendees will be able to: improve process productivity, safety and quality using new and unique techniques, tools and behaviors for error prevention, detection and mitigation; Address the four fields of focus – (1) hazards and barriers, (2) error-inducing conditions and counteracting behaviors, (3) non-conservative decisions and counteracting behaviors and (4) prevention of error recurrence; design, implement, manage and assess a Human Error Prevention initiative. For more information, visit www.hightechnologyseminars.com.

April 7–11 – Basic Training for Gear Manufacturing. Richard J. Daley College, Chicago. The AGMA Training School for Gear Manufacturing will enable you to become more knowledgeable and productive. The Basic Course teaches students to set up machines for maximum efficiency, to inspect gears accurately, and to understand basic gearing. Although the Basic Course is designed primarily for newer employees with at least six months' experience in setup or machine operation, it has proved beneficial to quality control managers, sales representatives, management, and executives. This course offers training in: gearing and nomenclature, principles of inspection, gear manufacturing methods, hobbing, shaping and more. Although all training is basic, on manual machines, everything that students learn is valid and applicable with the CNC equipment commonly in use. By using manual machines, students can see the interaction between the cutting tool and the workpiece. They understand the process and the physics of making a gear. For more information, visit www.agma.org.

April 7–11 – Hannover Messe 2014. Hannover Fairgrounds, Hannover, Germany. The world's leading trade show for industrial technology returns in 2014 with a full lineup of trade shows under the banner "Integrated Industry-Next Steps." The seven co-located shows include Industrial Automation; MobilitTec; Digital Factory; Industrial Supply; IndustrialGreen Tec and Research and Technology and Energy. The Netherlands is the official partner country in 2014. Discover new perspectives on energy, automation and industrial supply and engineering topics as well as a broad range of events and displays affecting the global industrial market today. Other Hannover highlights include the Robotics Award, the 11th WoMenPower Conference, Metropolitan Solutions, economic forums, job and career fair and more. For more information, visit www.hannovermesse.de.

April 10–12 – AGMA/ABMA Annual Meeting. Vinoy Renaissance Resort and Golf Club, St. Petersburg, -Florida. Expert presentation topics include "Accountability and Achievement," "Global Megatrends; Major Forces in Manufacturing," "Unconventional Oil and Gas: Game Changer If We Don't Screw it Up," "Economic Outlook" and "How to Turn Republicans and Democrats into Americans." The annual golf tournament returns as well as the First Timer's Reception on Thursday night prior to the Welcome Reception. Friday night features the "Sounds of Soul" and Saturday night features "Hot Havana Nights" with a cigar-making demonstration. The hotel features an 18-hole golf course, private marina, and 12 tennis courts, in addition to newly renovated meeting, gathering and sleeping rooms. It is ideally located near Tampa International Airport, St. Pete Beach and downtown St. Petersburg, home to the Salvador Dali and Chihuly Museums. For more information, visit www.agma.org.

May 6–8 – MFG 2014. Connecticut Convention Center, Hartford. Manufacturing is growing and changing... moving from low value repetitive assembly to high value, technology-rich products and services. To serve the evolving needs of East Coast industry, SME produces this exclusive event for aerospace, defense (including arms), medical, and micromanufacturing. These three major industries plus one strategic technology are driving change through their supply chains and leading the way in innovation and collaboration. Mfg4 surpasses the traditional manufacturing technology event by delivering content and suppliers mandated by industry. Mfg4 it is an event for industry developed by industry, with an emphasis on industry-specific solutions with attention to cross-collaboration. Technology Zones include additive manufacturing, automation, contract manufacturing, finishing & coatings, joining and fabrication, materials, micromanufacturing, machining and tooling and inspection, software and design. For more information, visit www.mfg4event.com.

May 12–14 – MMTS 2014. Place Bonaventure, Montreal, Canada. The Montreal Manufacturing Technology Show (MMTS) is Quebec's leading manufacturing event attracting more than 4,500 buyers and influencers. MMTS specializes in Machine Tools, Tooling, Metalworking, Automation, Design and Physical Asset Management solutions for manufacturing professionals looking to upgrade their operations, source new solutions and keep up-to-date with current industry news and products. The three-day event features credible and relevant education, technical sessions and working demonstrations of the latest cutting edge technologies. More than 150 leading suppliers exhibit at MMTS to showcase new and proven metalworking solutions, meet face-to-face with decision makers and expand their business network. Featured technologies include automation, cutting tools, lubricants, energy, machining, lean manufacturing, material handling, robotics, workholding and more. The show is produced by SME. For more information, visit www.mmts.ca.