

July 7–11—Additive Manufacturing and 3-D Printing International Conference.

The Nottingham Belfry Hotel, England. The conference includes a dedicated exhibition open only to event delegates. The exhibition is the perfect opportunity to talk in detail with metallic and polymeric additive machine manufacturing companies, material suppliers and service organizations. The exhibition will take place in a parallel room to the conference and is the hub of delegate and vendor networking. Presentations made at the conference (subject to speaker permission) will be made available on a USB card supported by a printed booklet containing key conference information, speaker biographies and abstracts. A complimentary copy will be issued to each delegate on registration. Further copies will be available for purchase at the conference and after the event. For more information, visit www.am-conference.com.

July 14–17—EMTE-EASTPO.

Shanghai, China. This exhibition offers a high quality showcase of innovative technology and practical solutions for Asia's manufacturing industry. Jointly organized by CECIMO, EASTPO and the MP Organization, the inaugural joint exhibition will unveil sustainable and cost-effective solutions to buyers in China and the rest of Asia. It provides a one-stop business platform for leading manufacturers seeking to penetrate the dynamic marketplace in Asia. The joint exhibition will unveil a high quality showcase to buyers from China and other parts of Asia. It will follow the strong tradition of major exhibitions in Europe, where strict exhibitor admission rules, intellectual property protection and live demonstrations of exhibits are featured. With key industrial sectors like electronics, steel, chemicals, pharma and industrial machinery, Shanghai is an important manufacturing hub in China and is geographically located near Hangzhou, Nanjing, Ningbo, Shaoxing, Suzhou and Yangzhou, all of which are manufacturing bases for automotive, industrial machinery and metals. For more information, visit www.emte-eastpo.com.

July 21–25—CMSC Conference 2014.

Embassy Suites, North Charleston, South Carolina. The Coordinate Metrology Systems Conference (CMSC) provides a professional venue where ideas, concepts and theory flow freely among participants. The educational atmosphere encourages

attendees to network and learn about the latest innovations in the field of portable 3-D industrial measurement technologies. CMSC provides technical presentations by industry experts, advanced workshops and seminars along with an exhibition hall filled with the world's leading providers of metrology systems. Those companies providing technical presentations include NASA Goddard Space Flight Center, Rolls-Royce, NIST, National Solar Observatory, Espace2001, The Boeing Company, Lockheed Martin, Premium AeroTech, Electroimpact, National Propulsion Laboratory (NPL-UK), Hitachi Power Solutions Co., BMW Manufacturing, Sigma Space, and the National Research Council of Canada. For more information, visit www.cpsc.org.

August 26–28—International Gear Conference 2014.

Lyon-Villeurbanne, France. Mechanical transmission components (gears, bearings, CVTs, belts, chains, etc.) are present in every industrial sector and range from nano-gears to large gearboxes. Over recent years, increasing competitive pressure and environmental concerns have provided an impetus for cleaner, more efficient and quieter units. Moreover, the emergence of relatively new applications in wind turbines, hybrid transmissions, jet engines has led to even more severe constraints. The main objective of this conference is to provide a forum for the most recent advances, addressing the challenges in modern mechanical transmissions. Topics include gear noise, gear design, gear materials, gear failure, lubrication, gearbox efficiency and more. For more information, visit <http://int-gear-conf14.sciencesconf.org>.

September 8–13—IMTS 2014.

The International Manufacturing Technology Show (IMTS) is the largest manufacturing technology show in the Western Hemisphere. IMTS 2012 drew more than 100,000 industry decision-makers in areas like metal cutting, tooling, metal forming, abrasives, controls, CAD-CAM, EDM, gear generation, industrial automation and more. The IMTS conference brings the industry together to discuss new opportunities and network with the manufacturing community. Other highlights include the Smartforce Student Summit, Exhibitor Workshops, the Emerging Technology Center and IMTSTV. IMTS is co-located with Industrial Automation North America and Motion, Drive & Automation North America. For more information, visit www.imts.com.

October 8–10—RMGFS 2014.

Boulder, CO. The Rocky Mountain Gear Finishing School (RMGFS) is the premier gear finishing school in the western United States. Kapp-Niles presents this multi-layered program designed to optimize learning and strengthen your understanding of gear finishing processes no matter what level you are at. The curriculum features sessions which are interconnected and lead each step to the next. Participants study the underlying principles and mechanics of different gear finishing processes, apply them through practical sessions on a Kapp-Niles machine, and take part in group workshops for more in-depth discussions. Attendees are encouraged to bring applications to the school for small group, or one-on-one discussions. Presenters include Jim Buschy, Bill Miller, Dwight Smith, Paul Brazda, Michael Ruppert, Sascha Ungewiss, Thomas Schenk, Nidam Meharzi, Eric Dixon and Hans-Helmut Rauth. For more information, visit www.kapp-usa.com.

October 27–30 Gear Dynamics and Gear Noise Course.

Ohio State University Campus. The Gear Dynamics and Gear Noise Short Course has been offered for 35 years and is considered extremely valuable for gear designers and noise specialists who encounter gear noise and transmission design problems. Attendees will learn how to design gears to minimize the major excitations of gear noise: transmission error, dynamic friction forces and shuddering forces. Fundamentals of gear noise generation and gear noise measurement will be covered along with topics on gear rattle, transmission dynamics and housing acoustics. This four-day course includes extensive demonstrations of specialized gear analysis software in addition to the demonstrations of many Ohio State gear test rigs. A unique feature of the course is the interactive workshop session (on Day 3) that invites attendees to discuss their specific gear and transmission noise concerns. The round table discussions on Day 4 are intended to foster interactive problem solving discussions on a variety of topics. Cost is \$1,950 per person. For more information, visit www.nvhgear.org.