

March 4-7 – The MFG Meeting Orlando World Center Marriott, Orlando, FL. The MFG Meeting brings together the entire manufacturing industry for a unique conference experience that provides unparalleled educational and networking opportunities. Engage with the industry's thought leaders and discuss business solutions with peers – all in one place. One of the highlights of this year's conference will be a training session with Michael Hoffman, president of Igniting Performance, a company that specializes in sales, leadership and building customer loyalty. His innovative program, "Secrets of the 1%ers," taps into the methods and the motivations of the best of the best – showing how they became influential – and how to replicate their success. For more information, visit www.themfgmeeting.com.

March 9-11 – SIAF Guangzhou 2015 China Import and Export Fair Complex, Guangzhou, China. The 2015 edition of SPS – Industrial Automation Fair Guangzhou is gearing up to be a must-attend industrial automation event in China. The event will cover over 40,000 square miles of exhibition space across four halls. Recognizing the importance and future growth prospects of the South China market, exhibitors are ready to present their latest collection of innovative solutions and products to international and domestic visitors. To date, over 300 exhibitors are confirmed to introduce the latest industrial automation technologies, including control systems, sensor technologies, software development, drive systems, components and much more for manufacturing-based industries. For more information, visit www.spsinchina.com.

March 23-26 – Automate 2015 McCormick Place North, Chicago, IL. Automate is the largest solutions-based showcase of automation technologies in North America. Formerly the International Robots, Vision & Motion Control Show, which dates back to 1977, Automate now demonstrates the full spectrum of automation technologies and solutions for a broad array of industries. Companies that provide integration of automation, robotics and machine vision will show actual demonstrations of systems that will allow attendees to see live demos solving challenges they face in their industry, and also to learn from solutions used in other industries that may be beneficial to them. The rest of the show features the latest automation, robotic, vision and motion control technologies and systems on display from leading global suppliers. A comprehensive educational conference accompanies the Automate show. Featuring a broad array of classes from beginner to advanced skill levels, the conference offers something for all attendees. This conference has been consistently rated high-quality and high-value, delivering a training experience that is immediately worthwhile. Keynote speakers include Steve Wozniak, cofounder of Apple. For more information, visit www.automateshow.com.

March 24-26 – 2015 Gearbox CSI: Forensic Analysis of Gear & Bearing Failures Concordville Hotel and Conference Center, Concordville, PA. This seminar helps gear designers gain a better understanding of various types of gears and

bearings. Learn about the limitation and capabilities of rolling element bearings and the gears that they support so you can properly apply the best gear-bearing combination to any gearbox, whether simple or complex. Following this seminar, participants will be able to apply their understanding of forensic analysis of gearbox failures in future gearbox designs, discuss bearing and gear types, explain how bearing selection is influenced by gear type and loading, select appropriate bearing types and configurations as influenced by gear type and loading, and explain how to optimize bearing and gear combinations. Cost of admission is \$1,895 for members and \$2,395 for non-members. For more information, visit www.agma.org.

April 29-May 1 – 2015 AGMA/ABMA Annual Meeting The Meritage Resort and Spa, Napa Valley, CA. This year's Annual Meeting will address the key issues facing manufacturing and offer opportunities to network, make memories, forge relationships, and build on future partnerships. Napa Valley provides much to explore and many attendees will bring a spouse or guest. In lieu of the golf tournament, the planning committee opted to keep open the second afternoon for exploration of this unique location. For more information, visit www.agma.org.

March 4 – MDM Webinar: Introduction to Permanent Magnet AC Motors Industrial customers are beginning to consider advanced motor technologies, such as permanent magnet motors (PMAC), to improve production efficiency and boost their bottom lines. Unlike standard induction motors, which induce a secondary magnetic field in the rotor, PMAC motors use high-performance rotor magnets and advanced designs to create a magnetic field that is always present. This eliminates the secondary circuit rotor I²R (heat) losses found in the induction-motor design, resulting in higher efficiency and a better power factor to boot. The Motor Decisions Matter campaign has invited two motor manufacturers to describe permanent magnet motor technology in basic terms, including their advantages, limitations and requirements. For more information, visit www.motorsmatter.org.

May 4-6 – 2015 Gearbox System Design: The Rest of the Story...Everything but the Gears and Bearings Sheraton Sand Key Resort, Clearwater Beach, FL. This course focuses the supporting elements of a gearbox that allow gears and bearings to do their jobs most efficiently. Learn about seals, lubrication, lubricants, housings, breathers, and other details that go into designing gearbox systems. This seminar starts with the basics including some history of design and the varied environments to which gearbox systems are built. It continues by teaching detailed design layout. And it then will focus on individual pros and cons of types of housing construction, drawing practices for housings and related components and selection and role of gearbox accessories, such as breathers, filters, screens, sight gages and other level indication devices. For more information, visit www.agma.org.