

### April 21-23 – Precision Machining Technology Show

Greater Columbus Convention Center, Columbus OH. Presented by the Precision Machined Products Association, and co-presented by Production Machining and Modern Machine Shop, PMTS is the only show in North America dedicated to the Precision Machining industry. With more than 260 exhibitors displaying equipment, products and services to more than 5,000 attendees, PMTS is an international gathering of the manufacturing professionals who are moving the industry forward. For more information, visit [www.pmts.com](http://www.pmts.com).

### April 29 – SMMA Presents: An Overview of Various Electric Motors and Motion Control Technologies

Villas of Grand Cypress, Orlando, FL. This new SMMA Motor & Motion College course will provide fundamental concepts of electric motors and their electronic control methods. Intended for non-technical professionals such as sales and marketing, middle and upper management, and application engineers who want to learn fundamental principles and basic knowledge, course content covers electromagnetic torque production theory, construction and operation of all motor types, their relative differences, as well as electronic hardware topologies, field oriented and sensorless control algorithms, and servo system theory in clear and concise explanation without using lengthy equations. The instructor for An Overview of Various Electric Motors and Motion Control Technologies is Dal Y. Ohm, PhD, president of Drivetech, Inc., a technical consulting firm specializing in the design and development of motor control, drives, and renewable energy converter systems. Dr. Ohm has more than 25 years of industrial and academic experience in research and product development in motor drives, servo systems, and power converters. For more information, visit [www.smma.org](http://www.smma.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](http://www.agma.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](http://www.agma.org).

**May 6-7 – Design-2-Part Show** Schaumburg Convention Center, Schaumburg, IL. Manufacturers nationwide rely on Design-2-Part Shows as the most efficient place to meet high-quality, reliable American job shops and contract manufacturers. In just a few hours you can find cost effective, quality suppliers, learn about new technologies and materials, see and compare parts and components, and quote jobs and evaluate quality price while getting delivery on the spot. Finding trustworthy contract manufacturers who can provide flexible, cost-effective solutions and scale up growing organizations is critical. There is no better way to identify new outsourcing partners than spending even one half-day at this show. The modern elegance of the Schaumburg Convention Center (Schaumburg, IL) provides the perfect location for people to work hard and still enjoy a day out of the office. For more information, visit [www.d2p.com](http://www.d2p.com).

### May 18-21 – AWEA WINDPOWER 2015 Conference & Exhibition

Orange County Convention Center, Orlando, FL. Wind energy's premiere industry gathering is a concentration of expertise and innovation that draws thousands of professionals from around the world to trade knowledge, experience and best practices across all industry segments. And in 2015, WINDPOWER will address what you can do now to meet the challenges of today, while preparing for tomorrow. The WINDPOWER 2015 cutting-edge program presents and examines the technical developments and evolving issues that are transforming the industry and increasing the competitiveness of wind power. AWEA has assembled top industry experts for this conference, who will present deep-dive sessions on a variety of relevant topics. Targeted tracks provide the opportunity to network, collaborate and advance your tactical understanding in areas that impact you most. For more information, visit [www.windpowerexpo.or](http://www.windpowerexpo.or).

### June 22-25 – 2015 Automation Summit

Aria Resort, Las Vegas, NV. The Summit will again feature the popular Connect Event, where attendees can network in-person and virtually with Siemens employees, solution providers, integrators, distributors and end users. Siemens will offer hands-on training sessions, featuring work stations with equipment, led by technical experts, and will provide updates on recent product enhancements, including the PCS 7 Version 8.1, SIMATIC WinCC V7.3 process monitor; WinCC/ Web UX; SIMATIC HMI Mobile Panels and Outdoor Panels 2nd generation; SIMATIC IPC347D; SIMATIC ET 200SP Open Controller; SIMATIC S7-1500 Software Controller; and INOX devices. Innovator and business futurist Nicholas J. Webb will provide the keynote address. Webb, author of "The Innovation Playbook" and "The Digital Innovation Playbook," is a successful inventor with a wide range of patented technologies including one of the world's smallest medical implants and the popular Hanz line of educational toys. For more information, visit [www.industry.usa.siemens.com](http://www.industry.usa.siemens.com).