

### March 6 – Lean Six Sigma Strategies for the Job Shop Environment

Naperville, Illinois. Lean Six Sigma has become a widely used methodology in manufacturing for reducing waste without sacrificing productivity. But for job shops, with their unique characteristics and needs, special considerations and strategies must be taken into account for optimal implementation of Lean Six Sigma in these environments. When considering the implementation of Lean Six Sigma in a job shop environment, the use of several key strategies is critical. Failing to utilize these strategies can result in less than ideal outcomes. This one day seminar from Arvin Global Solutions will examine the strategies for implementation of Lean Six Sigma in the job shop – featuring case studies and methods for success. Those that will benefit from this seminar include company owners and executives, managers and supervisors and members of an organization's improvement team. By learning about strategies for effective implementation specific to the job shop, attendees will be provided with methods to improve the Lean Six Sigma efforts in their facility, meaning less waste and improved productivity and profitability. For more information, visit [www.arvinglobalsolutions.com](http://www.arvinglobalsolutions.com).

### March 7–10 – The Manufacturing Meeting 2018

Miami, Florida. Hosted by two major manufacturing trade associations, AMT – The Association For Manufacturing Technology and National Tooling and Machining Association (NTMA), The MFG Meeting brings together the complete manufacturing chain for a unique conference experience. This event provides unparalleled opportunities to network with industry leaders and the agenda topics are designed to address key business challenges and provide actionable solutions. The event is intended for senior leadership, executives, vice presidents, senior sales directors, manufacturing technology's builders, distributors and end users. Learn about the future challenges and opportunities facing the American manufacturing industry, discover new ideas and participate in interactive discussions. For more information, visit <http://mfgmeeting.org/>.

### March 12–15 – PCI Powder Coating 2018

Indianapolis, Indiana. This four-day event will kick off with the Technical Conference and Tabletop Exhibition on Monday & Tuesday, March 12 & 13, closing on the morning of March 14. Complete with general sessions and concurrent technical programs, attendees will have access to a variety of powder coating information as well as personal interaction with suppliers. The tabletop display area will feature powder coating manufacturers, powder coating application equipment, system houses, chemical suppliers and various services that support the powder coating industry. For more information, visit [www.powdercoating.org](http://www.powdercoating.org).

### March 14–15 – Innovations in Bevel Gear Technology

Aachen, Germany. This WZL Aachen event will examine topics and trends in bevel gear technology that are presented and discussed in this special-interest seminar which is well established among the international technical community. Nowadays customers require high performance bevel gears. Within this seminar current developments of design and calculation processes are introduced. Furthermore the new inventions in bevel gear production and quality inspection will be presented. The seminar gives an overview about the state of the art. Current problems in bevel gear production will be discussed in preparation for future research and developments. This conference will be offered with simultaneous translation into English. Instructors include Christian Brecher, Fritz Klocke and Christoph Lopenhaus. Contact WZLforum for additional information at <https://wzlforum.de>.

### March 20–21 – Fundamentals of Gear and Transmission Technology

Brookline, MA. This two-day course located at Fraunhofer USA CMI will examine the basic properties of gears as machine elements, gear manufacturing technologies, methods for quality control, as well as testing and analysis of load carrying capacity and running behavior. The course focuses on methods of interpretation, analysis and solving challenges in the design, manufacturing and application of gears. This course is "geared" towards designers and manufacturing engineers working in gear and transmission technologies, as well as for shop floor and department managers involved with the production and sale of gears and gearboxes. The \$1,495 fee includes all seminar materials, lunches and dinners. The U.S. Gear and Transmission Technologies Group brings together Fraunhofer CMI with German partners from Aachen, Fraunhofer IPT and WZL. For more information, visit [www.cmi.fraunhofer.org](http://www.cmi.fraunhofer.org).

### March 20–22 – Gearbox CSI

Concordville, PA. 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. Grasp an understanding of how to properly apply the best gear-bearing combination to any gearbox from simple to complex. Gear design engineers, management involved with design, maintenance, customer service and sales should consider attending. Upon completion, attendees will be able to apply an understanding of forensic analysis of gearbox failures in future gearbox designs. Instructors scheduled include Raymond Drago and Joseph Lenski, Jr. For more information, visit [www.agma.org](http://www.agma.org).

### March 20–21 – AWEA Wind Project Siting and Environmental Compliance Conference 2018

Memphis, Tennessee. The AWEA Wind Project Siting and Environmental Compliance Conference is where leaders from the wind industry, environmental permitting and compliance sector, the scientific community and regulatory officials come together for a robust discussion about the current state of siting and environmental compliance, and network. Take away key insights within wind energy development, operations, evolving trends, and strategies for improving the project permitting process and maximizing the output of operating assets while increasing regulatory and legal certainty. For more information, visit [www.awea.org](http://www.awea.org).

### March 22 – A Study of Non-Destructive Testing, Surface Temper Inspection, and Barkhausen for Manufacturing

Naperville, Illinois. Key inspections in the manufacturing process are essential for ensuring quality, meeting customer requirements, as well as regulatory compliance such as Nadcap. Having a solid understanding of these processes is essential for a number of roles in manufacturing – from inspectors and engineers to supervisors and operators. This AGS training course will provide an introductory overview of the common inspection procedures including, magnetic particle inspection, dye penetrant inspection, radiographic inspection, ultrasonic inspection and surface temper etch. The causes of the quality problems these inspections are used to identify will also be addressed. This course will also provide an opportunity to learn about the Barkhausen Noise Analysis Method for detecting surface defects in parts. With a better understanding of these processes, the attendee will be better equipped to understand the critical role of these inspection procedures and their impact on providing quality products. For more information, visit [www.arvinglobalsolutions.com](http://www.arvinglobalsolutions.com).