

July 22–24—2011 Solid State Power Supply Technical Seminar.

Madison Heights, Michigan. This class is scheduled to examine Inductoheat's Statipower SP12 Power Supply. The principal objective of this seminar is to have Inductoheat certified technicians provide end-users with detailed presentations and hands-on experience for the operation, maintenance and troubleshooting of Inductoheat solid state power supplies. These seminars are held in the company's training center and will cover basics of induction, special maintenance training techniques, power supply orientation, load matching, troubleshooting, how to check for common failed components, safety procedures, process control and monitoring and quality assurance. Inductoheat will cover diagnostic techniques and component replacement procedures so your personnel can efficiently troubleshoot and perform preventive maintenance on specific induction equipment. Cost: \$525 per attendee includes: Three days of classes, training materials, catered lunch and dinner Thursday evening. For more information, visit www.inductoheat.com.

July 18–20—Basic PM Short Course.

Penn Stater Conference Center Hotel, State College, PA. This three-day course is designed for users of powder metal (PM) parts and those looking for an introduction. Topics include the history of PM, why it's a viable method of producing metal parts, designing PM, MPIF standards, special tests for powders, metal injection molding, secondary operations, how sintering develops the functional properties and more. Attendees receive more than \$400 worth of publication material. The course is designed for engineers, tool designers, product designers, metallurgists, supervisors, purchasing agents, technicians, managers and quality control personnel. For more information, visit www.mpif.org.

September 12–15—The Eleventh International Conference on Shot Peening (ICSP-11).

South Bend, Indiana. ICSP-11 is a triennial conference and exhibition of the International Scientific Committee for Shot Peening. The commercial benefits of applying mechanical surface treatments are increasingly recognized, particularly in the automotive and aerospace industries. ICSP-11 will be an important international meeting for discussing the science, technology and applications of mechanical surface treatments.

It will offer a unique forum, enabling scientists and engineers to deepen and update their knowledge of all aspects of mechanical surface treatments. The conference will cover a range of surface treatment topics based on technological aspects, process procedures, changes in the surface state, process simulation, service properties and fields of application. For more information, visit www.shotpeening.org/ICSP-11.

September 15–17—AWEA Small and Community Wind Conference.

Des Moines, Iowa. More than 100 exhibitors will have the latest wind technology to show consumers, renewable energy professionals and installers how to best capitalize on wind technology for homes, farms and ranches, businesses and rural electric cooperatives. Community wind development has proven itself to municipalities, schools, universities and other groups willing to band together to produce their own energy. Designed with direct input from AWEA members who are shaping these important wind markets, this conference offers two tracks focusing on all the facets of the small and community wind industries. Hear from wind experts, investors, and stakeholders from across the nation on how wind can create a cleaner energy future, strengthen regional and national economies and lead to a sound, profitable energy market. For more information, visit www.awea.org.

October 3–7—Basic Training for Gear Manufacturing.

Richard J. Daley College, Chicago. This AGMA training course covers gearing and nomenclature, principles of inspection, gear manufacturing methods, hobbing and shaping. The course is intended for those with at least six months of experience in setup or machine operation. Classroom sessions are paired with hands-on experience setting up machines for high efficiency and inspecting gears. For more information, contact Jenny Blackford at blackford@agma.org or (703) 684-0211.