

September 6–8—International Conference on

Electrical Machines. Crowne Plaza Rome-St. Peter's Hotel, Rome. The ICEM is a biannual event in its 19th edition devoted to electrical machines. A community of specialists discusses the progress achieved and the future developments in technologies, analysis, design, testing, operations, practical applications, maintenance and teaching in this field. Conference topics have been divided by tracks, each of which has two co-chairs or more for reviewing. Topics include conventional machines; non-conventional machines; electrical drives; materials; theory, modeling and design; measurement, testing, losses and efficiency education; embedded applications; and grid-connected and emergency applications. For more information, visit www.icem2010.it.

September 9–10—International AVL Engine and Environment Conference.

Helmut-List-Halle, Graz, Austria. This conference, held by Austrian powertrain developer AVL, looks at the innovative internal combustion (IC) engine in the context of powertrain electrification as a major key to long-term carbon dioxide reduction. Exploration of the potential of IC engine powertrains is a major topic, and developments necessary to enable current niche solutions to enter the high-volume market will be discussed. The following issues will also be looked at: IC engine innovations; optimization of the IC engine as the strategy of major OEMs for the next 20 years; ecology and economics of different technologies; the battery as an obstacle or chance on the way to the high-volume electric drive; electric vehicles with and without range extenders; software; and the transmission as a system enabler. For more information, visit www.avl.com/engine_environment.

September 21–23—Atlantic Manufacturing Technology Show.

Exhibition Park, Halifax, Nova Scotia. The Atlantic Manufacturing Technology Show (AMTS) brings manufacturers together to connect on new technology and new products. The Atlantic Canada region is home to more than 2,600 manufacturing companies employing nearly 24,000 workers. AMTS will bring together diverse industries such as aerospace, defense, heavy equipment, mining, energy, wood products, machinery and metal fabrication. For more information, visit www.sme.org/ams.

September 29–October 2—EPTDA Annual Convention.

Malta. The European Power Transmission Distributors Association's (EPTDA) 13th Annual Convention is expected to attract over 250 qualified decision makers and guests in the power transmission and motion control industry. Under the theme "Our Future," the summit will focus on traditional business approaches. The location, Malta, is strategic for international business in the Mediterranean, at the crossroads of Europe, North Africa and the Middle East.

Highlighted speakers include Daniel Burrus, a technology forecaster and business strategist, who will discuss original tips for overcoming obstacles and acting on new opportunities. Alan Beaulieu, of the Institute for Trend Research, is the closing keynote speaker. Hands-on sessions will complement the educational program for the first time. EPTDA members and convention delegates will visit local operations of power transmission/motion control international corporations, including Lufthansa Technik Malta Ltd., Trelleborg Sealing Solutions Malta, Methode Electronics Malta and Hetronic Malta Ltd. For more information, visit www.eptda.org/events/annual-convention.html.

October 5–7—North American Offshore Wind Energy Conference and Exhibition.

Atlantic City, NJ. The North American Offshore Wind Energy Conference and Exhibition will provide opportunities for networking, learning and collaborating. The event includes an exhibit floor, posters, technical sessions, business and policy sessions, as well as an offshore supply chain track. The supply chain track will examine the needs, opportunities, barriers and challenges to manufacturing, transporting and constructing off-shore wind turbines. For more information, visit www.offshorewindexpo.org.

October 12–14—The Business of Plugging-In.

Detroit Marriott at the Renaissance Center, Detroit. Detroit's second annual plug-in electric vehicle (PEV) conference brings together a mix of leaders from the automotive, utility, academic, finance and new technology industries for three days of business development, education and networking. Hosted by the Center for Automotive Research in partnership with presenting sponsors, DTE Energy and General Motors Company, the conference will offer the latest information on the business side of plugging in from leaders in the various industries. For more information, visit www.bpicconference.com.

October 20–21—Manufacturing Innovations—Aerospace/Defense.

Gaylord Palms, Orlando, FL. This exhibition is exclusively designed for aerospace and defense manufacturers and suppliers, addressing an expanding market with specific needs for innovation, precision, accelerated production and improved quality. The event will be co-located with the Aerospace Measurement, Inspection and Analysis Conference. For more information, visit www.sme.org/aerospacedefense.