

**News of people and events important to the maintenance and reliability community**  
**GILSDORF IS NEW PRESIDENT OF HONEYWELL PROCESS SOLUTIONS**

Honeywell has announced the appointment of Norman "Norm" Gilsdorf as president of Honeywell Process Solutions. He replaces Jack Bolick, who has retired from the corporation after 10 years of service, including six years as president of the Process Solutions business. Gilsdorf, most recently, had been vice-president and general manager of Honeywell Process Solutions in Europe, Middle East and Africa (EMEA). Prior to joining that organization, he had been with the wholly owned Honeywell International subsidiary UOP, for which he had served in various executive capacities since 1977.

**ASCO NUMATICS ANNOUNCES '09 ENGINEERING SCHOLARSHIPS**

ASCO Numatics (ASCO), an Emerson Industrial Automation business, has announced the start of its 2009/2010 academic-year application period for two \$5000 scholarships available to U.S. engineering students pursuing careers in industrial automation-related disciplines. ASCO also will make \$1000 grants to the engineering departments of the colleges in which the winners are enrolled.

These scholarships are merit-based and will be awarded based on the candidate's potential for leadership and for making a significant contribution to the engineering, instrumentation, systems, electrical, mechanical and automation professions, particularly as they relate to the application of fluid control and fluid power technology. A panel of ASCO Numatics and independent judges will select the finalists.

Applicants must be enrolled full-time in an undergraduate or graduate program in an engineering, instrumentation, systems, electrical, mechanical or automation discipline at an accredited U.S. educational institution for the 2009/2010 academic year. At the time of application, they must have completed at least their sophomore year in a bachelor's degree program, have at least a 3.2 GPA on a 4.0 scale, and be a U.S. citizen or legal U.S. resident. For details and application forms, visit [www.asconumatics.com/scholarship](http://www.asconumatics.com/scholarship)

**RESEARCH ON ADVANCED WIND TURBINE TECHNOLOGY TAKES OFF**

American Superconductor Corporation, a leading energy technologies company, has announced that it has entered into a Cooperative Research and Development Agreement (CRADA) with the U.S. Department of Energy's National Renewable Energy Laboratory (NREL) and its National Wind Technology Center (NWTC) to validate the economics of a full 10 megawatt (MW) class superconductor wind turbine. AMSC is separately developing full 10

MW-class wind turbine component and system designs. A CRADA allows the Federal government and industry partners to optimize their resources, share technical expertise in a protected environment and speed the commercialization of technologies.

Under the 12-month program, AMSC Windtec™, a wholly owned subsidiary of AMSC, will analyze the cost of a full 10 MW-class superconductor wind turbine, which will include a direct drive superconductor generator and all other components, including the blades, hub, power electronics, nacelle, tower and controls. The NWTC will then benchmark and evaluate the wind turbine's economic impact, both in terms of its initial cost and its overall cost of energy.

Direct drive wind generator systems utilizing high-temperature superconductor (HTS) wire instead of copper wire for the generator's rotor are expected to be much smaller, lighter, more efficient and more reliable than conventional generators and gearboxes. AMSC estimates that its superconductor technology will enable a 10 MW-class generator system that would weigh approximately 120 metric tons, compared with approximately 300 metric tons for conventional direct drive generators with this power rating. In addition, direct drive generators eliminate the need for massive gearboxes, the component with the highest maintenance costs in conventional wind turbines. This will open up the opportunity for the development of wind farms in more areas on land and offshore.

### **ATP & UNIVERSITY OF TORONTO JOIN IN EDUCATIONAL INITIATIVES**

The Center for Maintenance Optimization and Reliability Engineering (C-MORE) at the University of Toronto has signed a long-term agreement with Applied Technology Publications (ATP) to partner on future educational and developmental opportunities. The first event on which the partners will collaborate is IMEC – The Asset Management Conference, ([www.IMEC.ca](http://www.IMEC.ca)), scheduled for September 9-11, 2009, in Toronto.

According to Ali Zuashkiani, Ph.D., C-MORE's director of Educational Programs, this newly announced agreement formalizes a mutually beneficial partnership that connects C-MORE's leading research and training in the area of asset management with the vast marketing and industry reach of ATP, a respected publisher of high-quality information for asset management practitioners in North America.

Prospective conference speakers and exhibitors should contact Bill Kiesel, Vice President and Publisher, Applied Technology Publications, at [bkiesel@atpnetwork.com](mailto:bkiesel@atpnetwork.com) , or visit [www.IMEC.ca](http://www.IMEC.ca) for more

information.

*(EDITOR'S NOTE: Applied Technology Publications is publisher of a number of trade journals, including Maintenance Technology and Lubrication Management & Technology, and the producer of MARTS [the Maintenance & Reliability Technology Summit].)*

### **ROCKWELL COMMENTS ON SURVEYS THAT I.D. IMPROVED MANUFACTURING AS PRIORITIES**

According to a recent survey sponsored by Rockwell Automation and conducted by Opinion Research Corporation, an overwhelming majority of Americans believe, among other things, that safer, cleaner and more energy-efficient production are the most important manufacturing issues in today's economy. Commenting on the survey's findings, Rockwell chairman and CEO Keith Nosbusch said: "Whether it's toys, peanut butter or pet food, product quality is top of mind for Americans. Consumers recognize that government incentives to invest in more highly automated, modern factories can both stimulate U.S. economic growth and lead to safer, cleaner and more energy-efficient production at the same time." Nosbusch also noted that while most Americans think incorrectly that the U.S. is no longer the world's largest manufacturer, they feel there is an urgent need for government stimulus. "Government incentives to modernize manufacturing will help create highly-skilled, higher-paying jobs upgrading and operating more automated U.S. factories for many years to come," he stated. "The technologies are cost-effective and ready to be deployed today for benefits that are both immediate and sustainable."

Among the statistics...

When considering a manufacturing company, survey respondents said some of the most important attributes included being able to:

- Provide safe, quality products (86%)
- Provide a safe workplace (84%)
- Use natural resources efficiently (80%)

- Produce minimal waste (71%)
  
- Keep current prices or reduce prices (59%)

Despite the economic downturn, this survey found that support remains strong and unchanged from a similar survey last summer for government incentives to U.S. companies to invest in technology and automation to remain competitive and keep manufacturing operations from moving overseas. More than three-quarters (79%) said the government should provide such incentives and that U.S. manufacturers need to invest in automating and modernizing their factories in order to:

- Use energy, raw materials or natural resources more efficiently (92%)
  
- Continue to remain competitive and grow (89%)
  
- Minimize waste and other environmental impacts (86%)
  
- Provide safer, high quality products (85%)
  
- Respond more quickly to customer demands (85%)
  
- Provide a safer workplace (83%)

The telephone surveys on which this research was based were conducted January 15-18, 2009 and May 2008. To review the full survey, please visit [www.rockwellautomation.com/news/get/ManufacturingSurvey.pdf](http://www.rockwellautomation.com/news/get/ManufacturingSurvey.pdf)

## MT News

Written by MT Staff

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