

## Morris

### BECOMES FIRST WOMAN CHAIR OF RIA

Catherine Morris, senior account manager, ATI Industrial Automation, Apex, North Carolina, has been named the first woman chair of Robotic Industries Association (RIA), the industry trade group representing more than 265 companies involved in robotics in North America. Morris becomes RIA's 20th chair since its founding in 1974, succeeding Dean Elkins of Yaskawa Motoman, who served as chair in 2010 and 2011. Elkins remains on the RIA Board as past chair.



Catherine Morris

Morris was first elected to the RIA Board in 2003 and most recently served as the board's first vice chair. She is a past chair and current member of the RIA Membership Committee and also chairs the show committee for Automate 2013, RIA's flagship event. She has been an account manager with ATI for 16 years, with a primary focus on key OEMs and automotive customers. In addition to being RIA's first woman chair, she also is the first to represent a component supplier company. Previous chairs have either represented robot manufacturer or system integrator companies.

"I hope to bring a new perspective and energy to the chair role," said Morris. "I'm passionate about robotics and know that automation is the key to our country's future economic success. My primary focus as chair will be to expand the Automate 2013 trade show and conference in order to spread the message about why and how companies can benefit by automating. Additionally, I will focus on making our new Certified Robotic Integrator program a success. This will have enormous benefit to integrators and end users alike and will lead to more successful automation systems. Finally, I will focus on strengthening the links between RIA and the educational community. In order to get students excited about robotics and automation and prepare them for future career opportunities, RIA will work more closely with community colleges and universities that offer automation courses."

Morris then added, "I am truly honored and humbled by the confidence placed in me by my mentors and peers and will do my best to lead our industry forward. I want companies of all types and sizes to recognize the importance of being a vital part of their industry's trade association."

Morris and past chair Elkins are joined on the RIA Executive Committee by first vice chair Stu Shepherd of KUKA Robotics, second vice chair John Dulchinos of Adept Tech-

nology, secretary Curtis Richardson of Spirit Aerosystems and RIA president Jeff Burnstein. The RIA board is composed of 19 industry leaders.

Re-elected to new two-year terms for 2012-13 are Joe Campbell of ABB Robotics, Mick Estes of FANUC Robotics America, and Michael Jacobs of Applied Manufacturing Technologies. Tom Tobin of Comau was elected to his first two-year term. The remaining board members for 2012 include John Burg, Ellison Technologies Automation; Tim DeRosett, Motoman Robotics; Joe Gemma, Staubli Robotics; Joyce Guthrie, USPS; Dana Komin, General Motors; Kevin Lambton, Pepperidge Farm; Mark Lewandowski, Procter & Gamble; Scot Lindemann, JR Automation; and Steve Rock, Rensselaer Polytechnic Institute. For more information, visit [www.robotics.org](http://www.robotics.org).

## Magnet Applications

### EXPANDS STAFF

Magnet Applications, Inc. (MAI), a subsidiary of Bunting Magnetics Company, is pleased to announce the promotion of Jerry DePrator to production manager, and the additions of Janice Pandullo as quality engineer and Joe Benden as magnetic components engineer. DePrator has worked for MAI as

a process engineer since 1999. In his new role, DePrator will oversee the entire manufacturing process for compression-molded and injection-molded magnet product lines. He will be involved in the installation of new equipment, capital improvement projects, quality initiatives and the management of all production-related personnel. DePrator holds a bachelor of science degree in plastics engineering from The



Janice Pandullo

Pennsylvania State University.

"Jerry's in-depth knowledge of our customers, products and production capabilities is impressive and will allow us to streamline our production process to satisfy the timelines required by our clients," stated Dr. Pete Lipetzky, Ph.D., magnet applications general manager. "As our production manager, he has guided our shop in a positive manner and our customers have noticed a difference. The ability of our plant to meet changing production needs has been vital to our recent growth."

For over the last eight years, Pandullo has served in various quality control roles within metals and wind energy industries. She is a senior member of the American Society for Quality (ASQ) and is an ASQ Certified Quality Auditor. Pandullo has been trained on ISO 9001 & 14000 and has received auditor training in both categories. In her role as quality engineer,

she will be responsible for the ISO certified quality system, be involved in operations, product development, and continuous improvement with specific responsibility for the quality management system program. Pandullo holds a bachelor of science degree in industrial engineering from The Pennsylvania State University.

Benden will be responsible for preparing quotes, designing magnetic circuits and working with customers on small motor assembly projects. Prior to joining MAI, he worked in several electrical engineering and magnetic components roles. Benden has a bachelor of science degree in electrical engineering from The Pennsylvania State University. "The demand for our products has risen dramatically over the last 18 months," stated Lipetzky. "Our magnets and related products are custom built for applications in industries ranging from defense, energy, automotive, telecommunications, and medical to basic manufacturing; more than people realize. Janice and Joe will help us meet the high standards our customers need."

## Gerard Karpik

### JOINS GATES CVT GROUP

Gates Corporation recently announced the addition of champion Cross Country/Snow-X racer Gerard Karpik to its CVT systems development group in Rochester Hills, Michigan. Gates Director of Global CVT Systems David Hanes stated: "Gates is aggressively entering the hardware side of power transmissions with the introduction of our complete Gates CVT System featuring proprietary drive and driven clutch technologies. Gerard's extensive experience in recreation vehicle design and application will enable Gates to continue pursuing growth in new and emerging markets. As a longtime user of Gates products, he racked up thousands of miles doing durability and race testing for Gates drive belts as Bombardier's champion in-house racer. Later he co-founded his family's business and they are credited with starting a suspension revolution in snowmobiling by developing a coupled



Gerard Karpik

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"Over the years I've had some good offers to work with R&D groups of differing OEMs and suppliers. Knowing more work was needed to advance my own company TeamFAST," says Karpik, "I had to pass on these offers. When Gates approached me about their program and the strides and commitments they've made to become a 'hard components' supplier to the world markets utilizing CVTs, it intrigued me. With the knowledge that right now TeamFAST has its best line of suspension products ever in the M-20 Platform and the experienced team to keep advancing them, I could consider joining Gates. There's no group more knowledgeable, nor a company more committed to power delivery through CVTs than Gates. As an ongoing business owner, product developer, and marketer the opportunities here at Gates have me energized and engaged."

## Siemens

### SELECTED AUTOMATION PARTNER FOR DOW CORNING

Siemens Industry, Inc. announced that it has been selected as the strategic process automation partner for Dow Corning, following an extensive review and evaluation process using Manufacturing Automation Platform Selection (MAPS) Six Sigma (Define, Measure, Explore, Develop, Implement) processes. The global supply contract will feature Siemens Simatic PCS 7 as the strategic platform for Dow Corning's batch, continuous and discrete process automation solutions. Siemens process control system manages the automation of all ancillary, upstream and downstream processes, while providing the mechanism to improve process efficiency resulting in improved production and reductions in the total cost of ownership. "Siemens PCS 7 platform best meets Dow Corning batch, continuous, and discrete process requirements to achieve higher productivity, improved safety and lower cost of production through the use of automation solutions," says Barry MacGregor, manager, global process automation at Dow Corning.

Simatic PCS 7 can be specifically extended through the integration of functionalities such as batch process automation, material transport control, advanced process control, asset management, safety applications, process data analysis/

management or MES integration. And, with Siemens Totally Integrated Automation (TIA), PCS 7 can meet the demands for automation solutions along multiple hierarchy levels, including enterprise, management, control and field device levels. "There are core advantages to using Siemens Simatic PCS 7 control system, and Siemens has set a global standard for control systems," says Raj Batra, president, Siemens Industry Automation Division. "Through PCS 7, Dow Corning will realize a lower cost of ownership through integration, using a system that combines performance, quality, efficient engineering, reliability, flexibility and availability. Siemens also continually modernizes its systems for the safety and security of employees, equipment and operations."

According to Pat Dean, manager of global manufacturing automation at Dow Corning, the company's Six Sigma Quality is a key element of Dow Corning's commitment to delivering value for its customers by having a solid understanding of their needs and solving their problems. "Dow Corning has developed an integrated management system and has obtained a global ISO9001 registration under a single certificate, providing its customers with a consistent solution worldwide."

## Boca

### CELEBRATES 25 YEARS WITH INNOVATION CONTEST

The Boca Bearing Company recently announced that it is celebrating its 25th year in business by giving away over \$20,000 in cash and prizes as part of its international 2012 Boca Bearings Innovation Contest. Boca Bearing Company believes in supporting innovators who push the limits of new technologies that will drive the future economy. Boca Bearing Company has a long-standing commitment to innovation, including its involvement with the 10,000-year-clock, a clock that is designed to run for ten millennia with very little maintenance and interruption. It is powered by mechanical energy harvested from sunlight as well as the people who visit it. The primary materials used in the clock are marine grade 316 stainless steel, titanium and dry running ceramic ball bearings from the Boca Bearing Company. The clock is being funded and built on property owned by Jeff Bezos, the founder and CEO of Amazon. Boca Bearing Company's customers have also been heavily involved in creativity and invention, and the global Innovation Contest is a way to thank them for their commitment not only to the company but also to helping drive advancements in the world around us.

Contest winners will be chosen based on a video submission of their innovative, progressive or overall "cool" projects that utilize ball bearings, roller bearings or linear bearings. One finalist will be chosen by the voting public each month in 2012 to win an iPad2, and the Grand Prize winner will be chosen by the

## CORRECTION

Some incorrect data appeared in the article, "Application of Ceramics to NU-Type Cylindrical Roller Bearings for Machine Tool Main Spindles," which appeared in the December 2011 issue of *Power Transmission Engineering*.

On page 31, Table 2, the "Test conditions category" section should read: Initial radial clearance -3 – -4 mm

On page 33, Table 3, the "N-type with ceramic inner ring" section should read:

Fit between shaft and inner ring 2 mm, interference-fit

On page 33, Table 3, the "Test conditions category" section should read: Initial radial clearance 0-3 mm

The complete and corrected version can be found online at [www.powertransmission.com/issues/1211/ntn.pdf](http://www.powertransmission.com/issues/1211/ntn.pdf)

*Power Transmission Engineering* apologizes for the error.

Boca Bearing Company to receive a grant check for \$10,000.

Any project can be submitted for entry such as Unmanned Autonomous Vehicles (UAV's), Robots, Kinetic Art Sculptures, Engine Hacks, Performance Racing Applications, Sustainable Energy Projects and much more. "Boca Bearing Company started with humble beginnings as a ball bearing supplier to the Radio Control (RC) hobby market. As the years progressed, we started offering a wider variety of bearings appropriate for use in various different applications from industrial to hobby and recreational uses. Many of the young men and women that enjoyed playing with RC vehicles as kids eventually grew up and went to work in advanced manufacturing industries such as robotics, optics, engineering, applied physics and other hands-on fields," said Allen Baum, president of Boca Bearing Company. "These customers took us along with them and helped to expand the company's product line and focus. Today Boca Bearing Company's product line can not only be found in RC cars, RC helicopters and RC engines but also in turbine flow meters, unmanned autonomous vehicles, robots, semiconductor manufacturing, MRI machines, packaging equipment and much more. We've created this contest as a way to thank our global customers for their commitment to our business and to innovation.

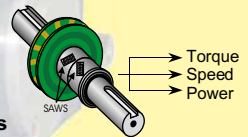
## BDI

### EXPANDS OPERATIONS

BDI (Bearing Distributors Inc.), headquartered in Cleveland, Ohio, recently announced the opening of two new branch offices. BDI Branch #58 is located at 1570 Brookford Industrial Rd., Unit B, Kernersville, North Carolina 27284 and BDI Branch #32 at 2093 Thomas Rd., Suite 3, Memphis, Tennessee 38134. Jim Chrapek, a veteran of the Greater Triad Area bearing/power transmission industry, has joined BDI as branch manager of the company's newest location in North Carolina. Other members of the new branch team are operations manager Lee Noble and customer service representative Lisa Taylor. "BDI Winston-Salem will support BDI's missions of delivering products and solutions to both existing and new customers in Winston-Salem and the Greater Triad Area and continued growth in the Southeastern U.S. market," according to John Ruth, president, BDI-USA. Newly appointed branch manager Richard (Ricky) Swann has relocated from BDI-Decatur, Alabama to oversee the company's entry into the Memphis market. Swann has nearly 30 years of industrial distribution experience and will draw on that experience to deliver solutions to Mid-south customers. "BDI-Memphis will support a number of existing customers in Western Tennessee and North Eastern Arkansas and support our continued growth in the Midsouth," Ruth adds. For more information, visit [www.bdi-usa.com](http://www.bdi-usa.com).

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