Hagen Hans Hofmann

(1940-2013)

Mr. Hagen Hans Hofmann was born on January 30, 1940 in Berlin, Germany. Since his father was an opera singer with the Badisches State Theater in Karlsruhe, the family moved to Ettlingen in 1948. After college he successfully completed studies in Radio and Television Technology with Radio Becker in Ittersbach. The next three years Hofmann spent in Brazil where he set up a technical support center for Radio Becker. Upon his return to Germany he joined Höfler Maschinen-und Messgeraetebau GmbH in Ettlingen on February 1, 1965 as constructive design engineer for measuring equipment. Shortly thereafter he switched from design engineering to international sales. In 1978 the company split into Dr.-Ing. Höfler Messgeraetebau GmbH and into BHS Höfler Maschinenbau GmbH. The measuring division was newly set up and managed by Dr. Höfler, while the Maschinenbau division was sold to BHS and moved their operations to Ettlingen-Oberweier. Hofmann was nominated the marketing and sales director for BHS, a position he held until December 31, 1989. During this time he founded Höfler's first overseas subsidiary in New Jersey, USA in 1984. On January 1, 1990 BHS Höfler Maschinenbau was sold from BHS to Suedweststahl AG, at which time Hagen Hofmann was nominated president of the company. He held this position until March 2006 when he retired after many successful years in the gear industry. After a short illness Hofmann passed away on February 1, 2013. All members of the former Höfler Maschinenbau GmbH as well Höfler America Corp. will always remember him for his visionary and charismatic leadership.

LMC Workholding

COMPLETES $2 MILLION EXPANSION

LMC Workholding recently completed a $2 million expansion at its Logansport, Indiana facility with several new machines, all green lighting, office renovations and other plant improvements. The new machines include an expandable six-pallet horizontal machining center, several vertical machining centers, lathes and grinders. With these new machines, LMC plans not only to improve its existing capabilities, but also to meet growing demand for products and services including larger products and specialty products. Jay Duerr, LMC Workholding president, said, "We have been upgrading machine capabilities, buying new ones to increase capacity, and remodeling parts of the plant and all of our offices. Our goal is to have the best facility in the workholding business to serve the ever changing needs of our growing customer base and the machine tool industry in general. As they continue to drive us into providing more product and services as their business evolves, we must keep pace. We are proud of what we've been able to accomplish in our 97-year history and look forward to getting our customers and prospects here to see everything for themselves." For more information, visit *www.lmcworkholding.com*.

Klüber Lubrication

APPOINTS KRAEMER AS CEO

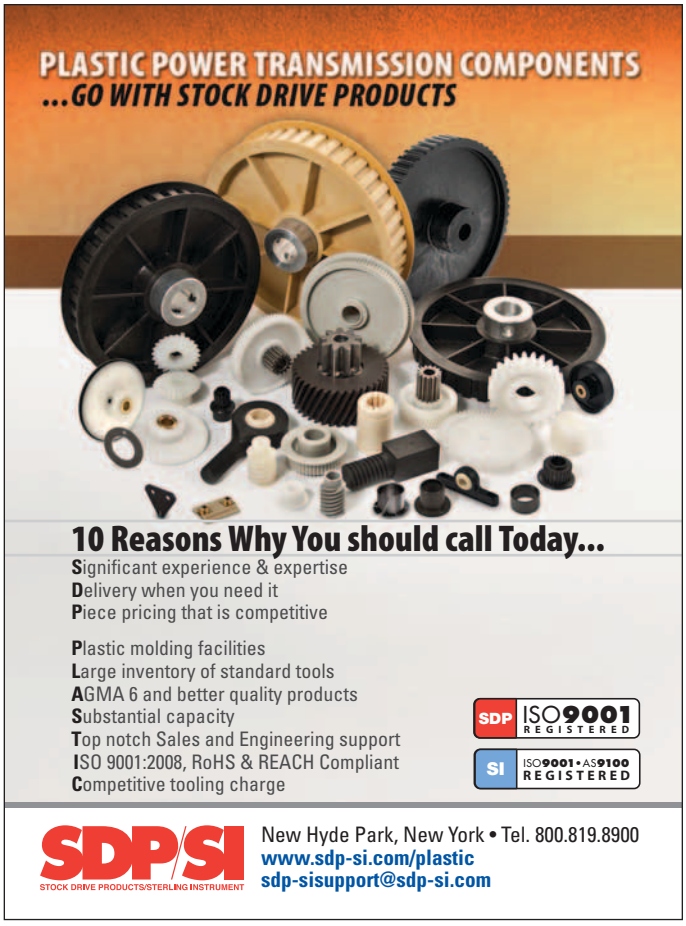
Klüber Lubrication, a worldwide manufacturer of specialty lubricants, announces the appointment of **Ralf Kraemer** as chief executive officer. Kraemer assumes the role of CEO from Dieter A. Becker, who returns to Klüber's global headquarters in Munich, Germany, after leading the North American operations for nearly three years. Born in Germany, Kraemer brings more than 15 years of sales, marketing and management experience in the metal cutting, woodworking, industrial equipment and power transmission industries to his new role at Klüber. "We're excited for the opportunity to have Ralf lead Klüber Lubrication North America," said Becker. "Klüber places particular importance on its industry-leading customer service and in-depth technical and application support. We are committed to providing excellent support to our thousands of customers throughout North America, and Ralf's skills, experience and dedication to a customer service-oriented focus make him the perfect fit to execute this promise." Prior to joining Klüber, Kraemer managed operations at a Swiss technology company in the Chicago area and established and developed the North American manufacturing facility and business operations for a German machine tool accessories company near Raleigh, N.C. For the past nine years, he was responsible for the North American operations of a German machine tool company in Pittsburgh, PA. Kraemer holds a degree in industrial engineering and management from the Karlsruhe Institute of Technology and an MBA from the Isenberg School of Management from the University of Massachusetts Amherst.

Somaschini

ANNOUNCES BUYOUT OF SOUTH BEND GEAR

Somaschini S.p.A., headquartered in Trescore Balneario (Bergamo) Italy, announces the purchase on Nov. 30th from Schafer Gear Works Inc. all of its minority membership interests of South Bend Gear LLC. With this purchase Somaschini becomes the sole owner of South Bend Gear LLC. The production unit in South Bend will act in tight cooperation with the parent company under the new name of Somaschini North America LLC and led by their new chief executive officer, Dr. Andrea Scanavini, who was previously working as coordinator for the previous JV on behalf of the Italian shareholder. Gianfranco Somaschini, CEO of Somaschini Italy, is appointed as president of the North American company. "This decision represents a new milestone in the long history of our company" said Dr. Scanavini "and it fits in the strategy of deeper penetration in the North American market in the particular sector of medium- and high-volume ground cylindrical gears with diameters between 50 and 400 mm as we are currently manufacturing at the parent company in Italy." Somaschini S.p.A. was established in 1922 in Milan and transferred to Trescore Balneario (Bergamo) Italy, east of Milan in 1943. Somaschini is a diverse supplier of gears that are sold to a variety of markets in Europe including automotive, passenger and heavy-duty trucks,

motorcycle, marine, textile machines, machine tools, robotics, railway and renewable energy. In 2007, Somaschini established Somaschini Automotive S.r.l. in a satellite facility located in Entratico (Bergamo), Italy to bring all high-volume automotive production into a dedicated plant. Today, the Somaschini Group has 250 employees and sales of 50 million Euro.



CALL FOR PAPERS!

Are you sitting on an idea for a technical paper but wondering where to present it? Do you have one already written, sitting on your desk, gathering machine dust?

How about *Gear Technology*? We are always looking for gearing- and power transmission component-relevant technical papers for publication in the magazine and in its digital version. Having your work appear in *Gear Technology* guarantees you an audience of the most experienced and discriminating industry players. You say your work has not been peer-reviewed? Not a problem, as we are lucky—and thankful—to have on-hand some of the most experienced and brilliant minds in the industry—our technical editors. So if your work "passes muster" and is published, you'll know you were reviewed by the best—and most demanding.

Chances are you'll be creating the paper under the auspices of the company for whom you work or own, or for one of the various industry-relevant associations. That means they as well will bask in the reflected glory that accrues with publication in *Gear Technology*—**The Journal of Gear Manufacturing**.

For publication guidelines and more information, please contact Jack McGuinn at *jmcguinn@geartechnology.com*.

Spiral Bevel Gears

• Spiral & straight bevel gear manufacturing.
• Commercial to aircraft quality gearing.
• Spur, helical, splined shafts, internal & external, shaved & ground gears.
• Spiral bevel grinding.
• Midwest Transmissions & Reducers.
• ISO compliant.

MIDWEST
Midwest Gear & Tool, Inc.
15700 Common Rd., Roseville, MI 48066
Tel: 586.779.1300 midwestgear@sbcglobal.net

GLEASON
Model 642
G-Plete Hypoid Generator
13" (330 mm), 3.4 DP (7.5 Module), Excellent, Pinions, Ring Gears, Helical Motion, Formate, Extented Tilt, 1982
www.gearmachineryexchange.com

GLEASON
INDEX PLATES
Lift & Drop Cams, Genevas
for MODELS
605-610
Generators
www.gearmachineryexchange.com

Dwight Smith

INCREASES ROLE AT KAPP AND NILES

Kapp Technologies is pleased to announce that **Dwight Smith** has been named sales manager for Kapp and Niles products and services for the Great Lakes and New England states, plus Iowa and New Jersey. His role also includes product management for the R&P Metrology line of large gear measuring equipment which Kapp Technologies distributes in North America. Smith has over twenty five years of experience in the gear industry. He first worked in the field of metrology in the eighties as vice president of Precision Measuring Corp. before joining Cole Manufacturing, Inc. in 1989. Cole Manufacturing represented complementary gear-related equipment manufacturers, including Kapp and Niles machines. He has developed and presented the in-depth Gear Basics training internationally, and chairs an AGMA committee. He will continue to teach the AGMA Basic School. "Smith practices his philosophy of service, support, and sales, in that order. He is a relentless advocate for our customers," said Bill Miller, vice president of sales for Kapp Technologies. "He has tremendous experience and he's made many contributions to this industry for over 25 years. We are excited to have Dwight on our team."

"I have always known that the Kapp and Niles people are of the highest caliber," said Smith, "and their products lead the industry in both technology and support. It is great to be fully engaged with such a great team."

Star SU

APPOINTS SIMIONI AND CELLA

Alex Simioni has been appointed sales manager at Star SU for the South America market. "In his new position, Simioni will be responsible for developing a new sales network for machines and tools in South America, while helping to establish brand recognition for the Star SU organization internationally," said David Goodfellow, president of Star SU, LLC. Simioni, 39, brings fifteen years of sales experience with Star round tools and machines. In his last position, he served as director of sales for Startec IC Ltd., a representation and licensee of Star Cutter Company in Brazil. He holds a master's degree in business administration (FGV), a bachelor of business administration

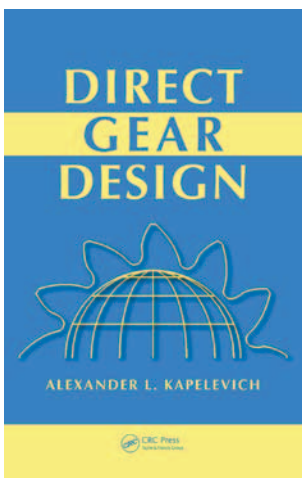
degree (Unimep), and a mechanical engineering degree (EEP). He is fluent in English, Spanish and Portuguese.

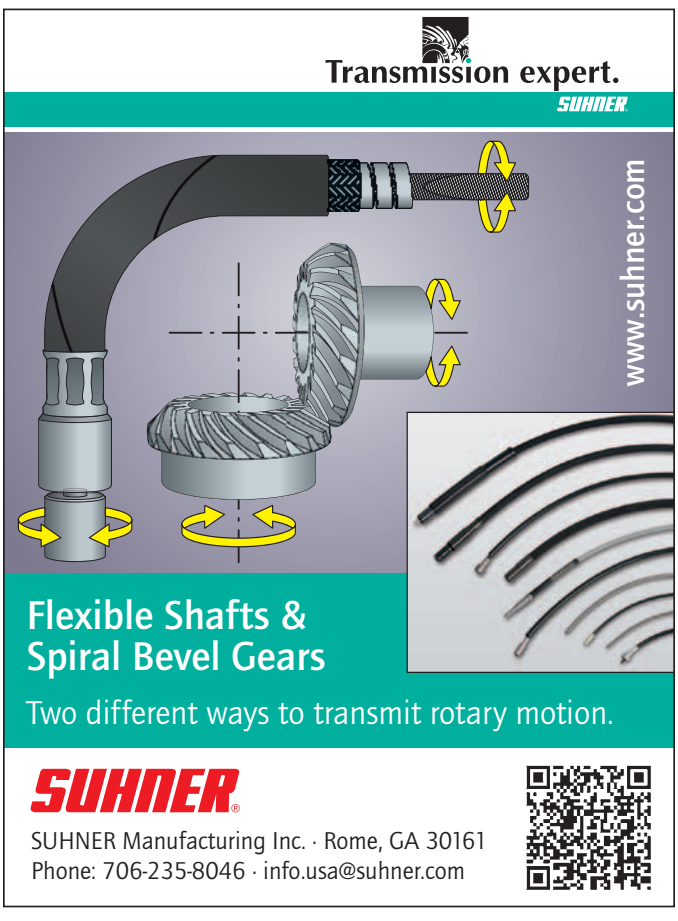
Chris Cella has been appointed application engineer at Star SU, LLC. In his new role, Cella will provide additional depth to the application engineering department, with a focus on continually improving customer technical support and tool design services. Cella brings two decades of experience in the fields of round tools, gundrills and gundrilling to his new position. He has spent the last decade providing tool reconditioning services, continuous improvement programs and troubleshooting support in the aerospace, automotive, heavy truck, hydraulic, power generation and transportation industries. He holds a bachelor's degree in mechanical engineering from the University of Illinois at Chicago.

Direct Gear Design

DEBUTS IN MARCH

Direct Gear Design (Hardcover; 328 pp.; CRC Press) by Dr. Alex Kapelevich, is now available for online purchase—at both CRC Press ($129.95) and Amazon ($117.58). *Direct Gear Design* presents Kapelevich's copyrighted, alternative "direct gear design" approach and compares it to traditional methods. It covers all theoretical and practical matters of advanced gear geometry and outlines various optimization techniques for custom gear drive performance maximization. It explains asymmetric gear design and its benefits for various applications and provides real-world examples of direct gear design implementation. *Direct Gear Design* includes information on macrogeometry of gear, toleranc-ing and tolerance analysis, gear measurement, gear fabrication technologies and tooling and much more. Kapelevich is a consultant at AKGears, LLC and a regular contributor to *Gear Technology*. To order, visit *www.crcpress.com/product/isbn/9781439876183*; or *www.amazon.com/s/ref=nb_sb_noss?url=search-alias%3Daps&field-keywords=kapelevich*.





TACKLING THE CHALLENGE
of your aging Controls System?

A versatile tackle box has many solutions. When MTB tackles the recontrol of your equipment, a complete electrical cabinet replacement takes place. All servomotor power and feedback cabling, as well as the encoder cabling, are replaced. This almost plug-and-play scenario offers you the versatility to keep the machine in production until the controls kit is ready. Four weeks later, your machine has versatile functionality.

MTB Machine Tool Builders
REBUILDING • RECONTROLLING • SERVICE

Call MTB: 815.636.7502 or visit www.machinetoolbuilders.com

Applied Process

HOSTS FIRST AP UNIVERSITY

More than 30 designers and engineers went "back to college" to learn how austempered ductile iron (ADI) could work in their manufacturing operations. The first ever AP University, hosted by Applied Process, Inc., was held in January at Eastern Michigan University on the Livonia Campus and Joyworks Studio in Ann Arbor, Michigan. The program was so successful that plans are in the works for another session.

The three-day event was created to educate those who design engineered components on how to best utilize the opportunities provided by ductile iron and ADI. Curriculum covered a range of topics and was taught by industry professionals. Classes covered the casting process, castability studies, casting issues and resolutions, successful weldment to casting conversions, an introduction to ADI, Austempering 101, ADI applications in gearing and applications of casting conversions. Attendees toured the Applied Process plant and visited Joyworks, a metalworking studio focused on research and education owned by John R. Keough, chairman of Applied Process.

"The event was much more than expected," explained Tim Covert, senior material engineer at Ford Motor Company. "We deal with ADI, but I was new to casting design. I was impressed, not only by the process, but by the knowledge and professionalism shown by the Applied Process staff."

Austempering is an isothermal heat treatment that produces a structure that is stronger than those created by conventional heat treatments. Austempered ductile iron (ADI) is a specialty heat-treated material that creates a lighter, stronger, quieter and more wear resistant part.

Bill Maenle, engineer and product design at Unverferth Mfg., has dealt with ADI in the past. "Moving from welding to casting has allowed us more flexibility, which means we can best cater to the needs of specific soil conditions. In my experience, ADI provides a better product with more reliability."

Many attendees who were new to ductile iron, more specifically ADI, left AP University with a knowledge base that will allow them to convert and improve current and future projects. "I am a chemist by degree and knew little about heat treatments and metals three days ago," admitted Michael Schmidt, business manager at Pennsy. "As we move into metals I am confident we will find applications for ADI."