

# AGMA/ABMA

## ANNUAL MEETING HIGHLIGHTS

More than 300 executives gathered in late April to connect and network with peers at the 2018 AGMA/ABMA Annual Meeting in Naples, Florida. Here are some of the highlights during the event:

### Lifetime Achievement Award

The American Gear Manufacturers Association (AGMA) presented **David Goodfellow**, president of Star SU, with the AGMA Lifetime Achievement award. This award is presented

to someone who has demonstrated dedication and leadership for the advancement of the gear industry and AGMA, exemplified superior vision and exceptional knowledge that has been shared with colleagues and achieved admiration and respect of peers.

“David has gone above and beyond for the gear industry and has been a true leader to all of us in manufacturing,” said James Bregi, chairman of the AGMA Board of Directors. “He has generously given his time and resources to help in the advancement of AGMA and its members.”

Goodfellow began his career in gears after serving in the U.S. Army and attending Syracuse University. He was eventually named president of American Pfauter in 1981. Most notably, Goodfellow was instrumental in the introduction of the wafer hob concept and the advancement of high-speed gear hobbing while with American Pfauter and Pfauter Maag Cutting Tools.

“David’s name is synonymous with expertise and leadership in our industry worldwide,” Jeff Lawton of Star Cutter Company noted in his nomination. “For nearly 50 years, David has impacted those around him as a colleague and mentor and most importantly, as a leader.”

Goodfellow was part of the visionary leaders in the creation of the Gear Expo tradeshow. Additionally, he has been an ambassador to the international companies assisting in the transition of AGMA to becoming a global leader for gear manufacturers.

### Chairman’s Award

The American Gear Manufacturers Association (AGMA) presented **Jack Masseth** of Meritor, Inc., with the AGMA Chairman’s award. This award is presented to a recipient that has contributed greatly to the gear industry and has gone above and beyond the call of duty to support innovation and advancement through AGMA.

Masseth graduated from Rochester Institute of Technology in Mechanical Engineering and began his career at The Gleason Works. After 13 years of applications engineering he moved to Dana in Fort Wayne, Indiana and work for 14 years as chief

engineer, gear engineering and development. From there he moved to American Axle and Manufacturing and then to his current position at Meritor.

“Jack is a great example of what this award represents,” said James Bregi, chairman of the AGMA Board of Directors. “His dedication to the gear industry and leadership throughout the years to AGMA is something we all hope to strive for.”

Masseth is an active member on the Vehicle Gearing Committee, Gear Efficiency Committee, the Gear Accuracy Committee and the Emerging Technology Committee. Jack was also instrumental in helping AGMA begin the Strategic Resource Network or SRN. This group has played an important part in attracting new leaders to AGMA.

### Next Generation Award

The American Gear Manufacturers Association (AGMA) presented **Maeve McGoff**, sales and marketing coordinator at Cincinnati Gearing Systems, with the AGMA Next Generation award. This award is presented to someone who, while early in their career, is an emerging contributor, innovator and leader in the gear industry. A Next Generation award recipient demonstrates hard work and acts as a role model for others while having a positive impact on AGMA.

McGoff has seven years in the gear industry and has excelled in bringing a strong online presence to her company through re-branding, graphic design and video. Her energy and determination to bring innovation to manufacturing has been demonstrated through her active role in attending AGMA events and working to deliver value in modern platforms through social media and digital marketing.

“Her advertising and promotional methods not only informs and delivers value in a factual sense, they are also creative and appealing for a common consumer,” explained Patrick Potter, director of sales with Cincinnati Gearing Systems. “Maeve has



brought Cincinnati Gearing systems to the forefront of modern marketing. . . it is easier for CGS to connect to the younger generation and hopefully close the age gap in the workforce.”

McGoff will be joining AGMA committees and has already provided many photos for AGMA events and the epicyclic committee.

The American Gear Manufacturers Association (AGMA) also announced Benjamin Sheen, gear engineering specialist at Eaton — vehicle group has been awarded the AGMA Next Generation award.

Sheen has aided the gear industry through innovative solutions and intellectual property generation, increased gear manufacturing productivity by introducing state-of-the-art processes and mentored young engineers at manufacturing plants and centers for developing the next generation. He was responsible for managing the installation of six robotic lines at Eaton, which increased their manufacturing productivity.

“Ben has been instrumental to advance gear technology within Eaton,” Carlos Wink wrote in his nomination. “He is a role model for Eaton’s global gear team, inspiring others to follow his steps as an innovator and engineering leader.”

Sheen is a member of the AGMA Vehicle Gearing Committee and has taken five courses with AGMA to earn his Advanced Gear Engineering Certificate. Sheen has also presented at the AGMA Fall Technical Meeting where his paper was later published in *Gear Technology* magazine in July 2016.

### AGMA Foundation Receives Donation for Scholarship Award

The American Gear Manufacturers Association (AGMA) Foundation received a \$100,000 donation from Linda and Bipin Doshi, formerly of Schafer Industries. The announcement to endow a scholarship award through the AGMA Foundation was made to members at the 2018 AGMA/ABMA Annual Meeting in Naples, Florida last week. The \$100,000 donation is the largest single gift ever received in the AGMA Foundation’s 22 year history. The Doshis have been very active leaders with AGMA and AGMA Foundation Boards for many years. With this endowment, the AGMA Foundation will annually grant a, “Linda and Bipin Doshi Scholarship” to a top scholarship applicant. The AGMA Foundation annually grants scholarships to students who are planning in a career in the gear industry, or in power transmission as it relates to the gear industry. Technical/Associate level students are eligible for \$2,500 scholarship awards, while Undergraduate and Graduate students are eligible for \$5,000 awards. The first “Linda and Bipin Doshi Scholarship” will be granted in August 2019. “This generous gift will make a real difference in the lives of many students, and will provide the gear industry with a strong talent pool,” says Cindy Bennett, executive director of the AGMA Foundation. “The future of the AGMA Foundation Scholarship program depends upon the generosity of donors such as Mr. and Mrs. Doshi. The Linda and Bipin Doshi Scholarship Endowment will grow and perpetuate excellence in the gear industry for many years to come.” ([www.agma.org](http://www.agma.org))

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# Klingelnberg

SHOWCASES HIGH-PRODUCTION GENERATING GRINDING IN GERMANY



From April 18 to 19, 2018, international experts from the automotive industry were inspired by the system supplier's industry-specific solutions at Klingelnberg's Ettlingen Oberweier plant. In keeping with the theme of "High-production generating grinding in large-scale production — quiet gearing with Klingelnberg Industry 4.0 solutions," the main attraction of the event was the market launch of the Speed Viper<sup>2</sup> cylindrical gear generating grinding machine featuring the dual-spindle concept. On either side stood additional exhibits from the Höfler cylindrical gear and Oerlikon bevel gear machine lines, precision measuring centers from Klingelnberg and innovative production concepts such as Smart Tooling and Closed Loop. A winner of the iF-Design Award, the Speed Viper cylindrical gear generating grinding machine was developed by Klingelnberg with a special focus on high-production generating grinding. The innovative machine concept was presented to a large audience for the first time at EMO 2017 in Hanover, Germany. The solution provider took the opportunity of this two-day workshop to present further innovations to its customers in a targeted, application-centered setting. The dual-spindle concept of the Speed Viper<sup>2</sup> is especially designed to meet the productivity requirements of the automotive industry and its suppliers. Whereas the single-spindle machines offer high versatility and short set-up times, the dual-spindle machines are designed for large-scale production and minimal cycle times. In a number of interesting live demonstrations, over 100 gear experts from throughout Europe, Asia and the USA had an opportunity during the two-day event to design their own generating grinding process on the single- and dual-spindle machines on display: Speed Viper 300, Speed Viper 180 and Speed Viper<sup>2</sup> 80.

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## Cylindrical gear production in the Industry 4.0 concept

The innovative production philosophy manifested in the Speed Viper establishes a solid basis for quiet gearing in the Industry 4.0 production environment. This is because the Speed Viper works with Klingelberg precision measuring centers in the fully automatic, corrective Closed Loop. The experts from Klingelberg presented this technology using the P 40 precision measuring center on display. And Smart Tooling, the digital tool management system from Klingelberg, ensures outstanding quality management throughout the process, since it provides a precise overview of the tool status at any time — another key component of the Industry 4.0 concept.

## Greater versatility on the shop floor

In the presentation areas at the Ettlingen plant, workshop participants were also able to see for themselves what efficiency gains can be achieved in gear production thanks to modern technology. For example, in addition to the well-known and established bevel gear methods for large-scale production, the Oerlikon C 30 bevel gear cutting machine can also be used for machining cylindrical gears. As a complete machine tool, the Höfler TM 65 likewise surpasses virtually every competitor when it comes to versatility due to its ability to produce any type of complex gear bodies from bar stock in a complete machining process.

## Interesting talks in a relaxed atmosphere

A series of timely talks on interesting technological topics rounded off the direct impressions participants gained from the machines on site. Participants also took advantage of the opportunity to address specific issues with the gear specialists from Klingelberg and to discuss application questions in a practical setting. ([www.klingelberg.com](http://www.klingelberg.com))

# Gleason

## INAUGURATES NEW TECHNOLOGY AND MANUFACTURING CENTER IN SWITZERLAND

On April 19<sup>th</sup>, Gleason held a grand opening ceremony for its new facility in Studen, Switzerland. Many important customers from across the world attended the event which also included product and technology demonstrations.



The Gleason-Pfauter Studen organization has approximately 120 employees and focuses on the design and manufacturing of gear hobbing, gear power skiving and gear profile grinding machines all of which are typically equipped with automation solutions. Its products are shipped globally to a variety of industries including automotive, power tools and aerospace, to name a few.

The Gleason-Pfauter operation located in Studen has grown rapidly in recent years necessitating a move to a larger building to accommodate its expanding volume of business. The new advanced manufacturing facility extends the company's office space by 30% and machine assembly capacity by almost 60% compared to the previous premises. The assembly area has been optimized for effective material flow and the building was designed with energy efficiency and maintaining a low carbon footprint as high priorities.

Rudolf Moser, general manager of Gleason-Pfauter Studen, said "New technologies, including power skiving, are driving great interest and business opportunities from our customer base. Our success is a credit to our employees. Through their efforts our business continues to grow each year. Our new factory will create an even better environment to further develop new products and technologies and continue producing highest quality machines." ([www.gleason.com](http://www.gleason.com))

## Forest City Gear ADDS DIRECTOR OF SALES

Forest City Gear has hired **Erik J. Spurling** as director of sales to oversee the activities of the company's network of direct and independent sales representatives nationwide, and to lead sales strategies that meet the growing demands of a wide and diverse customer base throughout the world's gear-making industries.



Spurling brings a wealth of sales and marketing experience and a deep familiarity with all facets of inside and outside sales and customer service processes, along with a strong background in manufacturing. This background, combined with his extensive sales and marketing leadership skills, made him an ideal candidate for the new position, says Wendy Young. "Manufacturing the world's best gears has always been the company's focus — Erik will help to elevate our sales efforts to that same level," says Young. "Our sales force, and the customers they serve, will benefit greatly from new strategies and methodologies that make the sales process faster and more efficient." ([forestcitygear.com](http://forestcitygear.com))