

Gear Manufacturers and End Users Congregate in Shanghai



Statistics compiled from the China Machinery Industry Federation say that the demand in China for gears has exceeded \$6 billion in the construction portion of the industry alone. There are about 1,000 gear manufacturers in China, and industry experts predict that those figures will increase every year with more automotive and manufacturing projects.

Gear China was held concurrently with the Machine Components 2006 Show featuring fasteners, chain transmissions, gears, springs, powder metallurgy, hydraulics and pneumatics from September 25–28 in Shanghai.

In addition to the networking, visitors also had the option of attending any of four gear-related presentations. Speeches focused on gear rolling technology, gear lubrication development with Chinese-specific solutions, and autoshift gearbox technology, making Gear China an educational experience as well.

For George Boon, sales manager at Schnyder SA, a manufacturer of gear cutting tools, the decision to exhibit at Gear China just made sense because of logistics.

“We were very impressed with the quality and quantity of visitors. It was especially important when you take into consideration our business in China. It’s a huge country and there is no way we could’ve met so many of our Chinese customers in just three and a half days without traveling all over. Shanghai is centrally located for most of our customer base and we got to see a lot more people because of this,” he says.

Samputensili SpA attended Gear China in 2003 and noticed significant improvement in this fall’s program. Patrizia Fiaccadori, marketing manager at Samputensili, says “Although we did get a good overall impression of the show three years ago, the number of exhibitors and visitors was still relatively low. This was probably due to the fact that there are so many local gear-related exhibitions in China that deciding which one to attend can often be confusing. This year, however, we saw many important local exhibitors and a significant increase in the number of visitors compared to last year and, of course, three years ago.”

She continues that Samputensili SpA has emphasized local marketing in China for the past decade, mostly through the SU Beijing sales office. Earlier this year, the company opened its first cutting tool manufacturing facility in Shanghai and finds Gear China to be an important event.

“We chose to be at this event firstly because practically all major domestic gear manufacturers are there, but also because many interesting end-users visit the show. Even if these industries do not manufacture gears themselves, they use them. This event is a must if you operate in gear-related areas,” she says.



Power Transmission and Gearing Conference Call for Papers

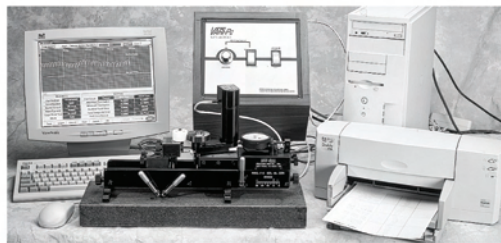
The 10th International Power Transmission and Gearing Conference will be held in conjunction with the ASME International Design Engineering Technical Conferences in Las Vegas, Nevada between September 4–7, 2007, along with eleven other ASME conferences.

ASME's Power Transmission and Gearing Committee is soliciting abstracts for the following topics:

- Gear Design and Analysis
- Gear Strength and Durability
- Gear Dynamics and Noise
- Gear Diagnostics
- Gear Manufacturing
- Gear Lubrication and Efficiency
- Engineered Surfaces and Tribology
- Transmissions
- Chains, Belts, and Traction Drives
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Please send your abstract as an e-mail attachment to kahraman.1@osu.edu before December 15, 2006.

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November 1–3—2006 Motor and Motion Association Fall Technical Conference. Marriott St. Louis Airport Hotel, St. Louis, MO. Presentations, break-out sessions and tabletop exhibits focus on design, materials, performance and testing for suppliers to the motion control industry. Prices range from \$250–\$650. For more information, contact the Motion and Motor Association on the Internet at www.smma.org or by telephone at (508) 979-5935.

November 8–10—Advanced Gear Design and Theory. University of Wisconsin–Milwaukee, Milwaukee, WI. Users, beginning gear technologists and gear designers learn about proper selection, design application and use. Additional topics include manufacturing methods and considerations; inspection and quality control; materials and heat treatment; drawing data requirements, formats and specifications; basics of load capacity rating; and lubrication types and methods. \$1,095. For more information, contact the University of Wisconsin School of Continuing Education on the Internet at www.uwm.edu or by telephone at (414) 227-3121.

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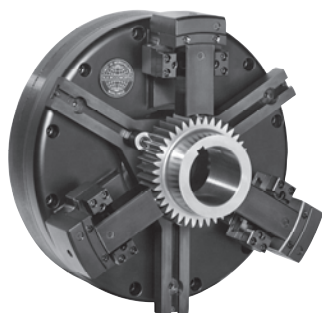
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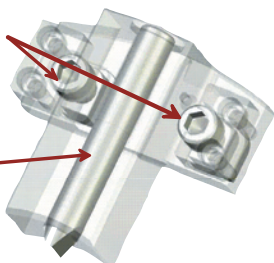


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EVENTS

November 14–16—Aerospace Design and Development Show. Anaheim Convention Center, Anaheim, CA. Design engineers, suppliers, development engineers and managers working in airframe, components, engine design and related subsystems can attend forums on design tools; rapid prototyping; simulation and modeling; materials; avionics design; managing strategies; aerodynamics; standardization, accreditation and regulations; outsourcing; next generation technologies; airframe, propulsion and sub-systems design and future aerospace design. The show is free to attend and includes 80 paper presentations. For more information, visit the conference website at www.aerospacedesign-expo.com.

November 14–16—UTS Metal Gear Design. UTS facility, Rockford, IL. The course covers gear fundamentals, gear tooth form, gear geometry, standard proportions, quality, gear modifications, gear design considerations and the gear design process. An hour of consultation with UTS gear design experts is included. Attendees receive free access to Fundamentals of Gearing, an e-learning course from UTS. \$1,250. For more information, visit UTS online at www.uts.com or call (815) 963-2220.

November 16–17—Gears 2006. Holiday Inn at the Manchester Airport, Manchester U.K. The first day's seminar is broken down into the following categories: process industries; environment; design and manufacture; and total cost of ownership. Day two covers transportation; lubrication; and a plenary lecture. Price packages range from the all-inclusive option at 380 pounds (approximately \$713) to 144 pounds (approximately \$270) for a half-day seminar. For more information, contact The British Gear Association by e-mail at admin@bga.org.uk or visit the show's website at www.gears2006.com.

December 4–7—Gear School 2006. Gleason Cutting Tools facility, Loves Park, IL. Covers gear cutting, forming, generating, shaping, hobbing, tool tolerance vs. gear tolerance, tool design, use and maintenance, gear inspection and analysis. \$895 includes a handbook, group dinner and all lunches. For more information, contact Gleason Cutting Tools by telephone at (815) 877-8900 or on the Internet at www.gleason.com.

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