



Press Release

With presentations on roughness and integrated bevel gear measurements, Klingelberg experts address the 5th VDI Conference, "Gear Measuring Technology", from September 23-24 in Nürtingen, Germany

Hueckeswagen, Germany, July 2014

Perfect gear designs can minimize noise from gearboxes and increase their efficiency. Among other topics, experts will discuss current developments and effects on gear measuring technology with Klingelberg specialists at the 5th VDI Conference, "Gear Measuring Technology", on Sept. 23-24, 2014 in Nuertingen, Germany (near Stuttgart).

The focal point of the conference is the question of how Industry 4.0 and globalization influence measuring technology. Since the production of gearboxes is increasingly networked, both internationally and digitally, individual production stages require accurate measured data.

Among other topics, the concept of convenient roughness measurements will be a focal point at the conference. Graduate Engineer Günter Mikoleizig, Head of Product Management for Measuring Devices at Klingelberg, will cite the importance of these parameters for the reliable functioning of bevel gears, as well as how corresponding measurements can be carried out conveniently and quickly. "With the help of a video, I will discuss a practically oriented range of applications for cylinder and bevel gears in my speech," explains Mikoleizig.

In addition, Doctor of Engineering Marcus Stolz, Division Manager of Measuring Devices at Klingelberg, will discuss how gear measuring centres support lean manufacturing. This presentation will be part of a block focused on bevel gears. In his presentation, Stolz will focus on integrated bevel gear measurement: "I will present new operating concepts for gear measurement software and new approaches for evaluating tooth roots. Conference attendees are sure to find this interesting."



Last but not least, Klingelberg will also have a small exhibition booth in Nürtingen this year. In addition to the lecture series, interested conference participants are encouraged to discuss individual questions regarding gear measuring technology with the expert team from Klingelberg.

For more information about the event, visit: www.vdi-wissensforum.de/.

Founded in 1863, the family-owned Klingelberg company is one of the leading companies in the gear industry. Thanks to numerous innovations in the areas of calculation, production, and measuring technology, Klingelberg maintains its leadership position in this sector. With its acquisition of Höfler Maschinenbau GmbH's core business in 2012, Klingelberg has added machines for machining cylindrical gears to its range of products, reinforcing its position as a complete system provider.

Headquartered in Zürich, the machine manufacturing firm develops and manufactures today at its sites in Zürich, Hückeswagen and Ettlingen, and Győr, Hungary. The company also maintains a presence with Sales and Service offices and numerous marketing agents all over the world. Klingelberg solutions can be found in the automotive, commercial vehicle, and aircraft industries, as well as in shipbuilding, the wind power industry and the general gearbox manufacturing industry. Applications range from vehicle drives to aircraft turbine engines and cement mill gear units, through to drive systems for ships and oil rigs.

With over 100 patent grants, the company continuously demonstrates its capacity for innovation. Above and beyond this, its 14001 certification and participation in the VDMA's Blue Competence initiative give credence to Klingelberg's sustainable, environmentally sound business practices.