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## Press Release

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Lecture at the aaa PI 20-02

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## **Tried and tested technology – hardly known - reinvented**

***At the “all about automation 2020” trade show, Marvin Kuhlmann-Kaufhold gave a lecture on “Linear Drives on a Plain Shaft” illustrating the development of the rolling ring drive and how its benefits can still be used in automation today.***

For years, Uhing has been developing and automating control units for linear drives. In January 2020, Uhing was present on the “all about automation” (aaa) fair at Hamburg for the first time and was right away asked for a lecture the Head of Automation, Marvin Kuhlmann-Kaufhold, had the honour to give.

“Toothed belt, ball screw and the like are linear drives known to everybody. But only a few industry sectors are familiar with linear drive nuts and rolling ring drives although the linear drive on a plain shaft was invented long ago. Joachim Uhing invented the rolling ring principle in 1952 already. In the course of years, today’s rolling ring drive and linear drive nut emerged from this invention“, were his introductory words. The lecture illustrated the functional principle of the rolling ring drive and its benefits for mechanical engineering. An advanced version of Uhing’s rolling ring drive was also presented where tried and tested mechanics was expanded by controllable electric components, making it possible to implement the most complex movements and automation tasks with the rolling drive.

The lecture by Kuhlmann-Kaufhold was received with great interest and later the audience and interested persons had the opportunity to ask detailed questions about functions and specific options.