Over the past decade, gear skiving—a revolutionary gear cutting technique—has rapidly gained prominence in the global market. Its immense potential lies in delivering unparalleled geometric flexibility, precision, and the capability to handle higher-strength materials. Gear skiving is a continuous and high-performance process for producing internal and external gears, the kinematics of which are based on a helical gear transmission.

To achieve great results, we seek immediate support in experimentally investigating wear behavior during gear skiving. Furthermore, you will receive comprehensive guidance and active mentorship in within this topic.

You are welcome to clarify any questions in an online or personal meeting.

**Tasks**

- Conduct fundamental gear skiving cutting tests.
- Conduct measurements of tool force and wear.

**Further Information**

Start: immediately  
Scope: by arrangement (20-40h/month)  
Specialisation: Mechanical engineering, Industrial engineering, Mechatronic Engineering, etc.  
Language requirements: Basic knowledge of English is sufficient.

Are you interested? Then send me your CV.

**Contact**

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