

## **Invitation to the Oral Examination – Department CS**

For the occasion of his/her examination for a Doctoral Degree,

**Miriam Katharina Anschütz**

will present his/her dissertation entitled/on

**Accessible Communication and Language Models: Perspectives on their  
Mutual Impact and Approaches for German Simplification**

on **29 April 2026** at **16:00 h**

Attendance to the presentation is open to the public. The presentation will be in English.

The candidate, all members of the Examination Committee, and authorized examiners of the TUM School of CIT are invited to the presentation and subsequent oral examination.

The presentation and subsequent examination will take place in room **01.07.023**

And online via Teams

Link: [Doctoral Examination Miriam Anschütz | Besprechung – Teilnehmen | Microsoft Teams](#)

### **Examination committee:**

Chair: **Prof. Dr.-Ing. Jörg Ott**

First Examiner: **Prof. Dr. rer. nat. Georg Groh**

Second Examiner: **Prof. Dr. phil. habil. Christiane Maaß**

Munich/Garching, the **30th** of **March 2026**

### **Mailing list:**

Members of the examination committee

Doctoral candidate

## **Abstract:**

This dissertation aims to advance Automatic Text Simplification (ATS) in German and to investigate how multimodal approaches can be used to address accessibility. Moreover, we study how a greater prevalence of simplified language affects LLMs' performances. We provided novel open-source resources for German ATS, including a readability-controlled dataset and two simplification models, as well as new evaluation procedures for aspect-specific evaluation. LLMs show great potential for increasing the availability of accessible content. However, we also find that LLMs show a reduced performance on inputs in simplified English