

Postdoctoral researcher (MaiNLP, CIS, LMU Munich)



We have an opening for a Postdoctoral researcher at the Center for Information and Language Processing (CIS) at LMU Munich in the [MaiNLP lab](#), led by [Prof. Dr. Barbara Plank](#).

Starting time: October 1, 2026 (earlier start possible). Position: full-time, Salary scale: TV-L E13. Location: Munich. Position initially for one year.

Application deadline: **May 14, 2026** (after that, the position remains open until filled).

Topic and Position

We are seeking a **Postdoc in Generative AI for Low-Resource Languages**. Research topics include:

- Natural language processing for low-resource and underrepresented languages
- Decoding strategies in large language models (e.g., sampling, controllable and constrained decoding) and their impact on diversity, uncertainty, and human-likeness of generated text
- Natural language generation (NLG) evaluation, with a focus on aligning automatic metrics with human judgments and/or communicative effectiveness
- Reproducibility and robustness of NLP evaluation pipelines, including LLM-based evaluation
- Modeling and analyzing human production variability (e.g., variation across situational contexts and interaction settings), and systematically comparing it to model behavior
- Deep evaluation of LLMs using behavioral analysis and interpretability methods

We are particularly interested in candidates with:

- A strong background in NLP, computational linguistics, machine learning, or statistics
- Familiarity with decoding strategies and their role in shaping model outputs
- A solid grounding in statistics (e.g., experimental design, methods for analyzing variability)
- An interest in human-centered evaluation and reproducible research practices
- An interest in connecting computational linguistics, human behavior, and model analysis

The postdoctoral researcher is expected to contribute to teaching and the supervision of MSc/BSc students, and support the development of research projects (including grant proposals) at MaiNLP.

Institute

The CIS (Center for Information and Language Processing) is co-directed by Prof. Dr. Barbara Plank and Prof. Dr. Hinrich Schütze. It consists of a growing team of 20+ PhD students and researchers from 10+ countries. [MaiNLP](#) is a research lab at CIS, located near LMU's main university building.



Application

Please send CV, names of two references, a motivation letter stating your research interests, and a max 1-page (plus references) statement of purpose (research proposal) on the theme of the position to sekrki@cis.lmu.de, subject: "Postdoc application GenAI LowResNLP, <your name>". Send all documents as a single PDF; give the PDF a name that includes your name.

In the course of your application, you will be required to submit personal information. By submitting your application, you confirm that you have read and understood the [LMU Privacy Policy](#) on data protection guidelines and privacy policy and that you agree to your data being processed in accordance with the selection process.