

## **Doctoral position in project B10 (PLs: Le Foll/Hinterwimmer)**

Project B10 “The role of gender in prominence hierarchies: A cross-linguistic and cross-register perspective” of the Collaborative Research Centre 1252 “Prominence in Language” seeks to fill a doctoral position (part time, 65%, 25.89 hours/week) from April 01, 2025 until December 31, 2028. If the necessary prerequisites required by tariff regulations as well as the required personal qualifications are met, the salary will correspond to the pay grade 13 as specified in the States’ Tariff Agreement (TVL).

The Cologne-based Collaborative Research Centre 1252 “Prominence in Language” is a dynamic research environment with 20 projects in linguistics and related fields. Project B10 seeks to investigate the role of gender in prominence hierarchies across different languages, modalities, and registers. Gender-motivated stereotypes and biases are known to be rooted in social gender hierarchies. We aim to investigate the extent to which both social and grammatical gender hierarchies are reflected in linguistic prominence hierarchies. To this end, we will conduct corpus and experimental studies to investigate the potential role of gender in a number of morphosyntactic alternations in (i) English (a language with no grammatical gender), (ii) French (a language with two grammatical genders that mostly match social/referential genders), and (iii) German (a language with more than two grammatical genders).

We are looking for a doctoral researcher interested in using quantitative corpus-linguistic methods and multivariable statistical techniques to account for the multi-dimensionality of prominence in naturally occurring data. For the data annotation, we aim to harness the potential of state-of-the-art natural language processing (NLP) methods. Our project aims to follow Open Science principles. As a result, the advertised position will also involve the annotation, curation, and archiving of the corpus data created as part of this project following FAIR principles, the pre-registration of corpus linguistics studies, and the elaboration of reproducible analysis pipelines.

### **Your tasks**

- Collect and pre-process corpus data in German and French
- Perform linguistic annotation on corpus data in German and French
- Design and conduct corpus studies on morpho-syntactic alternations in German and French
- Analyse the results using multivariable statistical methods
- Collaborate with the PLs on related studies
- Present your work at international conferences
- Publish your results in academic journals

### **Your profile**

- You are familiar with corpus linguistics research
- You have experience with R (and/or other programming languages)
- You have experience with statistical modeling (preferably in R)
- You are highly proficient in English
- You are proficient in German and French
- You enjoy working in a team
- You can quickly adapt to new research topics
- You are interested in learning new research methods

### **Formal requirements**

- University degree (Master) in linguistics or related fields

The University of Cologne promotes equal opportunities and diversity. Women will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from all suitable candidates regardless of their gender, nationality, ethnic and social origin, religion, disability, age, sexual orientation and identity.

Please specify the position(s)/project(s) you are applying for and submit a cover letter describing your qualifications and motivation for applying for this position, CV and copies of the relevant university degree(s) including transcripts as well as your Master's thesis. In case your Master's thesis has not yet been completed, please provide two to three preliminary chapters of the Master's thesis if possible, as well as two representative samples of your writing, e.g. term papers.

Please apply online with proof of the required qualifications without photo under: <https://jobportal.uni-koeln.de>. The reference number is **Wiss2412-04**.

**The application deadline is January 17, 2025.**

For further inquiries, please contact Dr. Christine Röhr ([applicationsfb1252@uni-koeln.de](mailto:applicationsfb1252@uni-koeln.de)).