

# Dr. Quirin Würschinger

Computational Linguist & Research Software Engineer

## Academic Positions

 **Research Associate (PostDoc)** SINCE 2022  
**LMU Munich**

- Assistant to Prof. Hans-Jörg Schmid, Chair of Modern English Linguistics.
- Research and teaching of advanced courses (BA, MA); supervision of theses.
- Development and evaluation of LLM-based chatbots and classification and evaluation pipelines.
- Interdisciplinary research projects (digital humanities, computational social science, political science, medicine).
- Contributions to Research Software Engineering and Open Science.

 **Research Associate (PhD Candidate)** 2019–2022  
**LMU Munich**

- Assistant to Prof. Hans-Jörg Schmid, Chair of Modern English Linguistics.
- Conducted, published, and presented doctoral research on lexical innovation, based on social network analysis, time-series analysis, word embeddings, Transformer-based NLP (Python, R, SQL).
- Taught BA-level courses.

 **Research Associate** 2016–2019  
**LMU Munich**


- Doctoral Researcher in the DFG project *Incipient diffusion of lexical innovations*.
- Conducted, published, and presented research on lexical innovation, based on web crawling, time-series analysis, and social network analysis. (Python, R, SQL)
- Taught BA-level courses.

## Education

 **PhD in Linguistics** 2022  
**LMU Munich**

*summa cum laude*

**Thesis:** Lexical Innovation on the Web and Social Media. Emergence, Diffusion, and Social Variation in the Use of English Neologisms. (Prof. Dr. Hans-Jörg Schmid)

 **State Exam (Educational Psychology)** 2016  
**LMU Munich**

*extension subject*





 **State Exam (English & German Philology)** 2015  
**LMU Munich**

*with distinction*


**Thesis:** Computational content analysis of spoken conversations (Grade 1.0; Prof. Dr. Hans-Jörg Schmid)




## Contact






 German  
 Munich, Germany  
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 [github.com/wuqui](https://github.com/wuqui)

## International Experience

 **German Teacher** 2011  
Government scholarship (PAD) · St. Margaret's C.o.E. Liverpool, England

 **Care Work** 2008  
European Voluntary Service · St. Laurence C.H. Cork, Ireland

## Languages

**German:**  Native  
**English:**  C2  
**French:**  A2  
**Italian:**  B1  
**Spanish:**  A1



## Publications

- Wuttke, A., Assenmacher, A., Klamm, C., Lang, M., **Würschinger, Q.**, & Kreuter, F. (2025). AI Conversational Interviewing: Transforming Surveys with LLMs as Adaptive Interviewers. *Proceedings of the 9th Joint SIGHUM Workshop on Computational Linguistics for Cultural Heritage, Social Sciences, Humanities and Literature (LaTeCH-CLfL 2025)*. Association for Computational Linguistics.
- Foubert, O., Marinato, L., Vallery, R., & **Würschinger, Q.** (2024). A Crime That Cannot Be Named: Normalisation or Distortion of Incest Victims' Narratives with #MeTooIncest. *Critical Approaches to Discourse Analysis Across Disciplines (CADAAD)*, 15(2).
- Würschinger, Q.** & McGillivray, B. (2024). Semantic change and social semantic variation: The case of Covid-related semantic neologisms on Reddit. *Linguistics Vanguard*.
- Würschinger, Q.** (2022). *Lexical Innovation on the Web and Social Media: Emergence, Diffusion, and Social Variation in the Use of English Neologisms*. PhD thesis, LMU Munich.
- Schmid, H.-J., **Würschinger, Q.**, Fischer, S., & Küchenhoff, H. (2021). That's Cool: Computational Sociolinguistic Methods for Investigating Individual Lexico-Grammatical Variation. *Frontiers in Artificial Intelligence*.
- Würschinger, Q.** (2021). Social Networks of Lexical Innovation: Investigating the Social Dynamics of Diffusion of Neologisms on Twitter. *Frontiers in Artificial Intelligence: Computational Sociolinguistics*, 4(106).
- Schmid, H.-J., **Würschinger, Q.**, Keller, M., & Lenker, U. (2020). Battling for Semantic Territory across Social Networks: The Case of Anglo-Saxon on Twitter. *Yearbook of the German Cognitive Linguistics Association*, 8(1).
- Geyer, T., **Würschinger, Q.**, Müller, H., Kacian, J., Liesefeld, H., & Pierides, S. (2020). Reading Haiku: Semantic Distance and the 'Cut Effect'. *Juxtapositions*, 6(1).
- Kerremans, D., Prokić, J., **Würschinger, Q.**, & Schmid, H.-J. (2018). Using data-mining to identify and study patterns in lexical innovation on the web. *Pragmatics and Cognition*, 25(1).
- Würschinger, Q.**, Prokić, J., Kerremans, D., & Schmid, H.-J. (2018). The dynamics of lexical innovation: Data, methods, models. *Pragmatics and Cognition*, 25(1).
- Würschinger, Q.**, Elahi, F., Zhekova, D., & Schmid, H.-J. (2016). Using the Web and Social Media as Corpora for Monitoring the Spread of Neologisms: The Case of 'rapefugee', 'rapeugee', and 'rapugee'. *Proceedings of the 10th Web as Corpus Workshop (ACL)*. Berlin: Association for Computational Linguistics.

## Teaching

### University Courses (LMU Munich, 2018–present):

- Corpus Linguistics (BA/MA, 2023–2025) — corpora, frequency, collocations, concordancing, statistics
- Lexicology and Lexicography (BA/MA, 2023–2025) — word formation, dictionaries, neologisms, corpora, dictionaries, statistics
- Methods in Linguistics (BA/MA, 2022–2025) — research design, statistics, corpus methods, visualisation
- Digital Humanities Methods — Lecture (2019–2025) — Python, NLP, word embeddings, social media corpora
- Introduction to Linguistics (BA Seminar, 2018–2025) — linguistic theory, linguistic analysis
- Linguistic Classics (Seminar, 2024) — foundational texts, discussion, close reading
- Self-Study Course Linguistics (MA, 2024) — guided reading, fundamentals, project work
- Project Seminar Linguistics (MA, 2024) — supervised independent research, presentations, research reports, empirical work
- Morphology and Word-Formation (BA/MA, 2018–2024) — inflection, derivation, compounding, productivity, dictionaries, corpora
- Lexical Innovation (Seminar, 2021–2022) — neologisms, diffusion, corpus analysis, social networks
- Social Media Linguistics (BA/MA, 2020–2022) — Twitter/Reddit, variation, sentiment, ethics, data analysis
- Syntax (Seminar, 2019) — phrase structure, valency, information structure, corpora

### Talks (selected)

- Regularities and variation in the use of question tags. A case study using Multidimensional Regularity Analysis — German Cognitive Linguistics Conference, Osnabrück (2024)
- Studying English Anticausative Constructions with the help of LLMs — English Linguistics Colloquium, LMU Munich (2024)
- Using LLMs to study ergatives — English Linguistics Colloquium, LMU Munich (2024)
- Socio-semantic variation and social polarisation on Reddit — Digital Humanities Lecture, LMU (2024)
- Research Software Engineering & Open Science — Workshop (Center for Advanced Internet Studies) (2023)