

The University of Passau owes its strong visibility and good reputation to excellent research, innovative teaching and its tight-knit international academic networks. Some 11,000 students and more than 1,300 staff study and work on our university campus, which is located a stone's throw from the historical Old Town of Passau and combines state-of-the-art technical infrastructure with award-winning architecture. Internationally successful high-tech companies and a vibrant start-up scene, coupled with a rich culture and Lower Bavarian traditions, give Passau and the surrounding area a special appeal that makes it a great place to live and work.

As part of the research project "**The Evolution of Visual Information Encoding (EVINE)**" (<https://www.erc-evine.de>), funded by the European Research Council in the form of a Starting Grant and led by **Dr Christian Bentz**, we are seeking a

Graduate Research Assistant (Doctoral Candidate)

to be employed (pro rata at 65%) from **1 April 2025** on a three-year fixed-term contract at the **Chair of Multilingual Computational Linguistics** led by Professor Johann-Mattis List. Remuneration is in accordance with pay grade E13 of the German public-sector collective agreement, TV-L. To be considered for this position, applicants must have a university master's degree in general linguistics, comparative linguistics, computational linguistics or cognitive science. The doctoral candidate will be given the opportunity to write a doctoral thesis while employed by the chair.

Duties and Responsibilities

- Contribute to the building of a database on intentional and non-utilitarian paleolithic signs (<https://www.signbase.org>) from the Lower Paleolithic of c. 400 kya to the late Upper Paleolithic c. 15 kya.
- Carry out computational, statistical and experimental analyses comparing sign sequences of the paleolithic with ancient and modern-day writing systems.
- Conceptualise and conduct your own research projects within the context of the EVINE project and/or the Chair of Multilingual Computational Linguistics.

Person Specification

- Must have a university master's degree in general linguistics, comparative linguistics, computational linguistics or cognitive science.
- Knowledge of programming with R or Python.
- Knowledge of statistical programming and/or machine learning would be advantageous.
- You have demonstrated the drive to push your own research projects as a bachelor's and master's student.
- You are a resilient and reliable team-player.
- Excellent spoken and written English language skills.
- German language skills would be an advantage.

The University of Passau wishes to increase the proportion of its female staff and expressly encourages women to apply for the position. This position is suitable for candidates with disabilities. Those who are registered disabled are given preference over non-disabled applicants who do not otherwise have statutory preferential status if their overall personal aptitudes, skills and qualifications are equal.

The application deadline is **17 January 2025**. To apply, please send your full application (including a motivation letter of up to two pages relating to the job profile, curriculum vitae, certifications and optionally two published articles or research papers), attached as **a single PDF file**, by e-mail to Dr Christian Bentz at evine@uni-passau.de. Please write "Application for the EVINE Doctoral Position" in the subject line of the e-mail.

For specific questions on the position, please send an e-mail to the same address, writing "Question on the EVINE Doctoral Position" in the subject line. E-mailed applications are kept on file for up to six months after the conclusion of the appointment procedure, whereupon they are deleted from our systems.

Please visit www.uni-passau.de/en/university/current-vacancies for our data privacy statement.