

Statistical Postdoc / Scientific Programmer (m/f/d) (UNIVERSITÄT REGENSBURG)

Bewerbungsfrist: 12.12.2023

With over 20,000 students, the University of Regensburg is an innovative and interdisciplinary campus university with diverse and highly regarded research activities and a wide range of attractive study programmes for students from Germany and abroad. The Professorship of Theoretical Ecology at the Faculty of Biology and Preclinical Medicine conducts research in modelling, applied statistics and data science for ecology, evolution and conservation. We are seeking to fill the position of

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full-time (40 hours per week) for the project "Enhancing the validity of statistical analyses with DHARMA". The appointment is for 3 years. The position is suitable for part-time employment. The salary is according to TV-L E 13.

Your tasks:

- Advancing the development of the R package DHARMA for residual diagnostics of generalised linear mixed models.
- Preparation of teaching and training materials for DHARMA
- Researching new methods in GLMM model diagnostics and publication of scientific articles

Our requirements:

- University degree (Master, Diploma or comparable) in statistics, data science or a related subject
- Very good knowledge of the R environment and experience in developing R packages
- Very good knowledge of generalised linear mixed models, both in the practical use of all common R packages (e.g. lme4, glmmTMB) and in the theory and technical implementation of these models.
- A PhD (ideally related to applied statistics) is helpful but not mandatory.
- Knowledge of the DHARMA package is an advantage.

We offer

- Collaborative work in a dynamic research group with excellent scientific infrastructure, opportunities for international networking and a collegial working atmosphere
- Flexible working hours, the opportunity to work independently and support for training and career planning
- If based in Regensburg: living in one of the most popular cities in Germany. Home office is negotiable depending on qualifications and personal situation
- The position is funded by the German Research Foundation as part of an initiative to strengthen free scientific software. The aim of the project is to extend the functionality and usability of DHARMA. The work therefore offers a mix of end-user oriented software development and basic statistical research.

The University of Regensburg strives to increase the proportion of women and therefore encourages qualified women to apply. The University of Regensburg is particularly committed to the compatibility of family and career (more information at <https://www.uni-regensburg.de/universitaet/personalentwicklung/familien-service>). Applicants with severe disabilities will be given preference if they are equally qualified. If you have a disability, please state this in your application. Please note that we cannot cover any expenses you may incur during a possible interview. If you have any questions, please contact Prof. Dr. Florian Hartig (e-mail: florian.hartig@ur.de). We look forward to receiving your detailed application, which you should send in a single PDF file by e-mail to florian.hartig@ur.de by **12 December 2023**. Note: This is an English translation of a job advertisement published in German by the University of Regensburg. The German version is authoritative for all legal matters.