

Postdoctoral Research Fellow (f/m/d)

- Focus on: Statistical Perspective on Bayesian Deep Learning -

Job description

The Scientific Computing Center is the Information Technology Center of KIT.

The newly established Research Group Methods for Big Data at the Scientific Computing Center welcomes applications for a postdoctoral research fellow (f/m/d).

In this project you will:

- develop novel methods that leverage the potential of statistical learning and Bayesian (Deep) Learning
- investigate the theoretical properties of developed algorithms
- implement the developed methods
- contribute to joint research inside the group
- publish the results at leading journals, workshops and conferences

Details on the research group can be found at <https://kleinlab-statml.github.io/>

Personal qualification

Job requirements:

- Excellent university degree (master) and completed PhD in statistics, mathematics, data science, statistics-oriented computer science
- Strong expertise in theoretical and computational aspects of Bayesian statistics
- Expertise in at least one of the following areas: Statistical Learning, Bayesian (Deep) Learning, Uncertainty Quantification and Probabilistic Machine Learning, High-Dimensional Statistics, Continual Learning
- Track record and excellent publications in at least one of the main research areas above
- Strong computational, mathematical skills
- Solid programming skills in any scientific programming language, e.g. Python, R
- High proficiency in English, both written and spoken for your scientific publications and presentations
- High degree of creativity, commitment, analytical competence, and interdisciplinary teamwork

We offer you an exciting and varied job within an agile team as well as a wide range of training opportunities and flexible and family-friendly working time models. For more information about SCC as your new work home, please visit <https://www.scc.kit.edu/en/aboutus/working-at-scc.php>.

We are looking forward to your application (Motivational letter / CV / Certificates)!

Salary

Salary category 13, depending on the fulfillment of professional and personal requirements.

Organizational unit

Scientific Computing Center (SCC)

Starting date

01.10.2024

Contract duration

3 years

Application up to

23.09.2024

Contact person in line-management

For further information, please contact Prof. Dr. Nadja Klein, nadja.klein@kit.edu.

Application

Please apply **online** using the button below for this vacancy number 456/2024 .

Personnel Support is provided by

Mr Meschar

phone: +49 721 608-25029,

Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen, Germany

We prefer to balance the number of employees (f/m/d). Therefore we kindly ask female applicants to apply for this job.

Recognized severely disabled persons will be preferred if they are equally qualified.