

Doctoral and Postdoctoral Research Fellows
- Focus on: Bayesian Statistics & Statistical Learning -

Job description:

The Research Group Methods for Big Data at Karlsruhe Institute of Technology welcomes applications for a doctoral and postdoctoral research fellow.

In this project you will:

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

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

Personal qualification:

Job requirements:

- Excellent university degree (master) (and completed PhD for the postdoc position) in statistics, mathematics, data science, or statistics-oriented computer science
- Strong expertise in the theoretical and computational aspects of Bayesian statistics
- Profound expertise in at least one of the following areas (in addition to Bayesian statistics): High-dimensional statistics, Distributional and advanced regression, Survival analysis, Variational inference, Copula modelling
- Track record and excellent publications in at least one of the main research areas above (for the postdoc position)
- 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 are looking forward to your application. Please send your documents (Motivation letter / CV / Certificates / 2 Reference Letters / List of publications (for the postdoc position)) as a single pdf of no larger than 10 MB to nadja@kit.edu.

Questions can be directed to Prof. Dr. Nadja Klein
<https://www.scc.kit.edu/en/staff/nadja.klein.php>

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