

PhD position in Machine Learning with Prof. Laurenz Wiskott at the Institute for Neural Computation, Bochum, Germany

The Ruhr-Universität Bochum is one of the leading research universities. The university draws its strengths from both the diversity and the proximity of scientific and engineering disciplines on a single, coherent campus. This highly dynamic setting enables students and researchers to work across traditional boundaries of academic subjects and faculties.

One particular strength of RUB is interdisciplinary research in Machine Learning and Artificial Intelligence, see <https://ml-ai.rub.de/>. The Institute for Neural Computation is a central research institute, see <https://www.ini.rub.de/>. It focuses on the dynamics and learning of perception and behavior on a functional level but is otherwise very diverse, ranging from neurophysiology and psychophysics over computational neuroscience to machine learning and technical applications.

There is an open position for a research assistant / Phd-student in the group "Theory of Neural Systems" of Prof. Dr. Laurenz Wiskott to be filled at the earliest possible date. The appointment will be for three years. Salary is 80% of salary scale TV-L E13.

This project is embedded in a large competence center for AI in the work sciences and will be conducted with colleagues at the RUB and industrial partners.

Task:

- Develop a system for transparent and structured data analysis with methods from machine learning. The system shall enable non-ML-experts, who have good knowledge of the application domain, to make a sensible and targeted data analysis.

We offer:

- An interesting interdisciplinary environment in the field of Machine Learning / Artificial Intelligence / Work Sciences.
- Room to develop your own ideas in the project.
- Infrastructure to integrate well into the institute and the group.
- Opportunity to do a PhD (Dr).

Requirements:

- Very good Master in mathematics, computer science, engineering, or a related field.
- Good programming and mathematical skills.
- Interest in interdisciplinary research questions and cooperations.

Advantageous:

- Good communication and teamwork skills.
- Experience in interdisciplinary projects.
- Programming skills in Python.

Applications (CV, transcript of records for MSc and BSc, statement of purpose) should be sent as a single pdf file to laurenz.wiskott@rub.de.

Travel expenses for interviews will not be refunded.

Ruhr-University Bochum is committed to equal opportunity in employment and gender equality in its working environment. We therefore look forward to applications from qualified women. Applications from appropriately qualified handicapped persons are also encouraged.