

# Positions for Ph.D. Students in Machine Learning Research

## University of Potsdam, Germany

The Institute of Computer Science at the University of Potsdam offers funded Ph.D. positions in the field of machine learning. We offer a first class research environment in an internationally recognized and team-oriented research group. In addition to performing research at the core of machine learning and intelligent data analysis, we also collaborate with scientists from other academic fields and with industry partners in interdisciplinary research projects. During your Ph.D. project, you will be closely mentored by your scientific advisor, and have ample opportunities to present your research results at leading international conferences.

We are looking for candidates with a strong master's degree in computer science, mathematics, or a related field, who have focused on machine learning or pattern recognition during their studies. If you are currently still studying, but will finish your Master's within the first half of 2013, you are also welcome to apply.

Ph.D. thesis topics will be focused on machine learning approaches for building predictive models in the natural sciences. In interdisciplinary projects we collaborate with research groups from mathematics, geophysics, and cognitive psychology to study problems such as seismic risk analysis and human eye movement patterns. These application domains pose specific challenges to machine learning because observable data violate assumptions made by many standard techniques. Working on these projects, you will push the state of the art in developing and analyzing machine learning algorithms, while at the same time collaborating with scientists from geophysics and psychology to solve relevant predictive modeling problems.

With approximately 20,000 students, the University of Potsdam is the largest university in Brandenburg, and closely collaborates with a network of other research institutes in the region. Being directly connected to the Berlin metro rail system, the Institute of Computer Science can be reached from Berlin in about 20 minutes. Both Potsdam and Berlin are very livable cities, and have large student and international communities.

To apply, please send your CV, certificates, and a copy of your last thesis (Master's or Bachelor's) as a PDF file to:

Niels Landwehr, [landwehr@cs.uni-potsdam.de](mailto:landwehr@cs.uni-potsdam.de).

Website: <http://www.cs.uni-potsdam.de/~landwehr/gindex.html>.