

The RTG 2340 "**Computational Cognition**", funded by the German Research Foundation (DFG), invites applications for

1 Postdoc (m/f/d)
(Salary level E 13 TV-L, 100 %)

to be filled as soon as possible for at least three years.

The RTG Computational Cognition aims at reintegrating Cognitive Science and Artificial Intelligence to get a better understanding of human and machine intelligence. Research fields involved in the RTG are Neuroinformatics, Neurobiopsychology, Bio-Inspired Computer Vision, Knowledge-Based Systems, Cognitive Natural Language Processing & Communication, Cognitive Modeling, Artificial Intelligence, Psycho/Neurolinguistics, Comparative BioCognition and Cognitive Computing.

Description of Responsibilities:

The position involves driving the research activities with an integrative aspect across at least two of the disciplines to drive understanding of how cognitive functions are implemented in the brain. To this end, the candidate should have a research focus on either deep learning / deep reinforcement learning, or neuro-inspired cognitive systems and computational neuroscience. Detailed information on the RTG research activities can be obtained from the spokesmen of the RTG, Prof. Dr Gordon Pipa (gpipa@uni-osnabrueck.de) and Prof. Dr Peter König (pkoenig@uniosnabrueck.de).

The position involves teaching Cognitive courses at B.Sc. and M.Sc. level (4 hours/week) and allows for further scientific qualification.

Required Qualifications:

- Applicants are expected to have an excellent academic degree (Master/Diploma) as well as
- an excellent PhD degree,
- excellent knowledge in the field of either machine learning, or computational neuroscience, neuro-inspired cognitive systems,
- experience or a strong interest in the modelling of cognitive functions,
- a good command of the English language is mandatory

The position is available on a full-time or part-time basis.

Osnabrück University is a certified family-friendly university and is committed to helping working/studying parents balance their family and working lives.

Osnabrück University seeks to guarantee equality of opportunity for women and men and strives to correct any gender imbalance in its schools and departments.

If two candidates are equally qualified, preference will be given to the candidate with disability status.

Applications with the usual documentation should be submitted by e-mail in a **single** PDF-file to the Director of the Institute of Cognitive Science (office@ikw.uni-osnabrueck.de) no later than **April 13, 2020**. Further information can be obtained from Prof. Dr Gordon Pipa (gpipa@uni-osnabrueck.de).