

Post-doctoral Research Assistant Connectionist reading model

Our Profile

“Anthropological universals – cultural differences” is an interdisciplinary project funded by the Federal Ministry of Education and Research. Principal investigators are Prof. Dr. Christian Stetter (Institute for Language and Communication Studies, project leader), Prof. Dr. Walter Huber (Section Neurolinguistics at the Department of Neurology) and Prof. Dr. Martina Ziefle (Human Technology Centre, eHealth). We closely cooperate with Prof. Gert Westermann (Department of Psychology, Oxford Brookes University). The project compares the German writing system with Japanese Kanji as well as their cognitive processing. The aim of the project is to create an empirically appropriate connectionist cognitive model for single word recognition.

Your responsibilities

You will be responsible for programming and analysing an artificial neural network of single word recognition and lexical decision in Japanese (Kanji). You will cooperate closely with the researchers of the other sub-projects. Half of the time you will stay in Oxford (UK) at the lab of Gert Westermann.

Your profile

You should hold a PhD in the field of computer science, cognitive sciences or a closely related field and have experience in programming (C/C++/Matlab), preferably with connectionist networks. You should be highly motivated and eager to explore psycho-linguistic questions with computational modelling.

Our offer

We offer an interdisciplinary and international work environment in the heart of Europe.

The candidate will be employed as a regular employee. The position is to be filled as soon as possible and is for a fixed term limited to September 15, 2011. Salary is according to TV-L (E13) (3.064-3.403 € gross, depending on experience).

RWTH Aachen University has been rewarded with the “Total-E-Quality-Award” for its efforts with respect to gender equality. Applications from female candidates are explicitly welcome. In cases of equal qualification, aptitude and expertise of the applicants, female applicants will be given preferential treatment for those salary groups and careers in which females are underrepresented, unless there are preponderant reasons to give preference to another applicant.

Please refer to § 8 Article 6 of the North Rhine-Westphalian Equal Opportunities Act (Landesgleichstellungsgesetz NRW).

RWTH Aachen University has been rewarded with the title “disability-friendly” (“Prädikat behindertenfreundlich”) for its efforts with respect to training and employment of severely disabled people. Applications from severely disabled people with appropriate suitability are explicitly welcome. This also applies to people with equal opportunities in accordance with § 2 SGB IX (Social Code).

Contact

Closing date for applications: September 3rd, 2010. Please send your application documents (CV, list of publications, 2 letters of reference) to:

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