



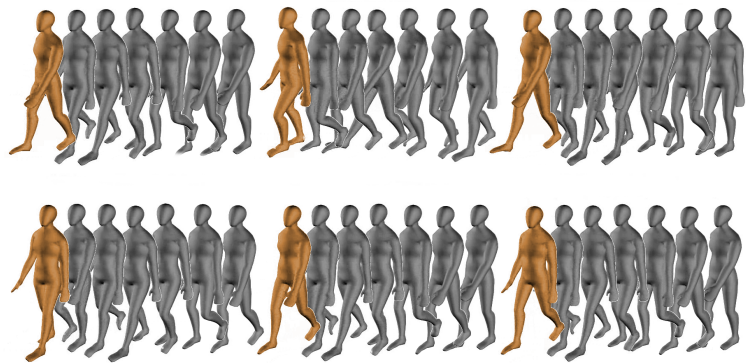
Doctoral Stipend available

A doctoral stipend for a highly motivated individual is available in the group of **theoretical Neuroscience** headed by **Prof. Dr. Dominik Endres**. The Group is located in the Department of Psychology at the Philipps-University of Marburg, Germany.

The stipend is for up to three years given satisfactory performance. The stipend is intended to facilitate a scientific qualification, specifically a German doctorate (PhD equivalent).

Duties include active, self-motivated participation in the research and teaching activities of the group, in particular a) the development of quantifiable theoretical models about movement perception, movement control and object- and action semantics and b) the experimental testing of such models using the new **virtual-reality facility** of the department. The stipend holder is expected to engage actively in the definition of a research project in one of the aforementioned areas, which comprises both theoretical and experimental aspects.

Prerequisites are a Master's degree or German Diplom in one of the following areas: theoretical Neuroscience, Computer Science, Mathematics, Physics, Electrical Engineering, Cognitive Science or Psychology with a minor in one of the aforementioned fields. Programming experience in Python, C++ or similar are advantageous.



Applications with experience in machine learning, computer graphics or behavioral experimentation will be preferred. Applicants' skills in these areas will be tested as a part of the recruitment procedure.

The **academic environment** is a vibrant scientific community at the Research Alliance Giessen/Marburg comprising the IRTG 1901 International Research Training Group investigating The Brain in Action (<http://www.irtg-brainact.de/>) and a Collaborative Research Center (SFB 135, <http://www.forschungsallianz-gi-mr.de/projekte/sfb/wahrnehmung>) on the Cardinal Mechanisms of Perception, thus offering an excellent environment for cutting edge research on the intersections between different disciplines ranging from experimental psychology and human movement science to computational modeling, machine learning, psycholinguistics and the neurobiology of action.

Applications should include a letter of motivation, curriculum vitae and Master's transcripts or similar records, and the addresses of 2 referees. The initial application should be sent by email to Prof. Dr. D. Endres (dominik.endres@uni-marburg.de) no later than **Dec. 15th, 2015** (earlier applications preferred). Please do not send originals by mail, because we will not be able to return them to you. We will not cover travel costs to/from Marburg for job interviews.

The Philipps-University of Marburg is an equal opportunity employer.