



The **Institute of Physiology and Pathophysiology** of the **Medical Faculty at the University of Heidelberg** offers a position as a

Student Research Assistant Bachelor-/Masterthesis

(Development of a novel directed projection device for visual contents)

The workload amounts to 10 hours per week which can be flexibly arranged by the applicant. The position is initially limited to six months but prolongation is possible.

Area of operation:

- Digital image processing of stereo camera images in real time
- Detection and tracking of faces and eyes in 3D
- Feedback of eye position coordinates to galvanometric mirrors via voltage signals controlled by digital-analog converters

Prerequisites:

- Sound knowledge of C++ and/or Java
- Experience with software/hardware integration
- Sound English skills
- Ability to work in a interdisciplinary team of scientists
- Goal-orientation
- Business orientation

Prespectives:

The project is part of an intended start up business. Motivated students in advanced stages of their studies are given the possibility to get involved in the company founding process and eventually join as an employee. This offers unique possibilities for taking responsibility outside of the university, contribute creative ideas and witness the success of their own work.

Payment depends on qualification according to the criteria of the “administrative directive of the ministry for science, research and arts concerning student research assistants”.

We are looking forward to your applications. Please send the usual application documents **preferably via email** until **June 13th 2015** to the following address:

**Universität Heidelberg,
Institut für Physiologie und Pathophysiologie, Abteilung Neuro- und
Sinnesphysiologie, Dr. Martin Both, Im Neuenheimer Feld 326, 69120 Heidelberg.
E-Mail: mboth@physiologie.uni-heidelberg.de**

In case of inquiries please contact Dr. Martin Both, phone: 06221 54-4139

www.klinikum.uni-heidelberg.de/Jobs-Karriere

Wir stehen für Chancengleichheit. Schwerbehinderte werden bei gleicher Eignung vorrangig eingestellt.