



Hiwi Position: Using haptic robots to set up experiments in virtual reality

The Chair of Neuromuscular Diagnostics examines how the nervous system controls the mechanical properties of the body to adapt to the external environment and produce skillful movements. Our interdisciplinary project focuses on human-human haptic communication and how it can be exploited in the field of human-machine interaction. To investigate this, experiments were carried out on human subjects using haptic robots in virtual reality.

We are looking for a highly motivated HiWi student with excellent C++ and Python programming skills to set up the experiments. The working time is flexible (8-10 hours/week). Ideally starting in December or January. The student will have the chance to be involved in other projects in the group as well.

Requirements:

- Excellent C++ and Python programming skills.
- Experience in 3D simulation and Virtual Reality is preferred.
- Interest in research in neuroscience and human-robot.
- Good English skills.

We are looking forward to your application with a short statement of motivation, CV and transcript via email. Please also mention your preferred working hours and starting date in the email.

Contact:

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