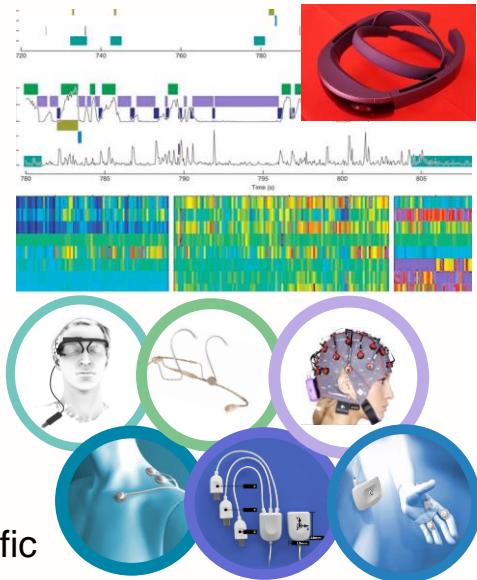


# Bachelor-/Master-Thesis

## Real-time Human Activity Recognition with Virtual Reality

### Tasks:

- Our wearable sensor-based real-time Human Activity Recognition (HAR) system works well on a PC and can also run on a Raspberry Pi. Your work is to implement a VR version of the real-time HAR system based on the existing well-performing AI model.



### Our Offer:

- Insight in current research topics and scientific collaborative work
- Experimental environment in an interdisciplinary team
- Close cooperation with famous research and industrial partners
- Participation in publishing

### Requirement:

- VR programming skills with HoloLens
- Network and server transport protocols and programming
- Python experience is preferred but not a must
- Preliminary knowledge of machine learning such as Hidden Markov Model

### When:

- As soon as possible

### KONTAKT:

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