Open Positions as Research Associates / PhD candidates in our research group
Spoken and Natural Language Understanding

Our university built up the Artificial Intelligence hub *AImotion Bavaria* with 20 research groups, all working on different connected topics in AI. Our research group contributes to the field of multimodal dialogue & interaction. Currently, we offer 5 research associate positions in 3 different projects.

Your potential research topic

We search candidates for the research projects "Hochschul-Assistenz-System HAnS", "VGI NewMind" and "Foundation Models". One of the positions is project-independent, but with a teaching obligation of 4 SWS. Depending on your position, your topic can be one of the following but is not restricted to:

> Responsible AI applications, e. g. a chatbot-based tutor for a learning experience platform
> Noise-robust Spoken Language Interaction applications (ambient noises, several speakers, …)
> Multilingual voice- or text-based user interfaces
> Dealing with various biases in Spoken and Natural Language Processing applications
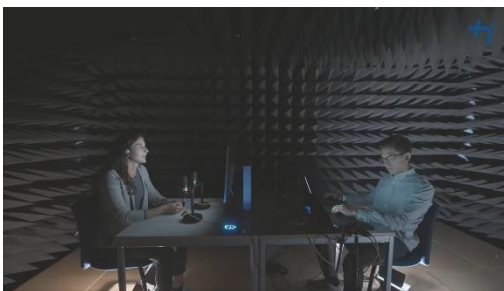> Gaining expertise in Foundation Models like Large Language Models and related topics

We could be a good match if you …

- like Python and are open to learn new languages independently if required by the tasks.
- want to extend your PyTorch-skills throughout your experiments.
- you are interested in above topics and have a hands-on mentality.
- enjoy collaboration with young and international teammates.
- Have a master's degree in computational linguistics, AI, or any other STEM related subject.

You have the chance to …

- ✓ receive a PhD degree in an attractive topic at THI (no cooperation with other university needed).
- ✓ present your experimental findings at high-ranked international conferences.
- ✓ takeover teaching responsibilities if you decide for a PhD journey.
- ✓ get paid according to TV-L EG13.

Interested?

Please send your application in German or English (one pdf file) by email to:
munir.georges@thi.de

Keywords: Large Language Models, LLM, Foundation Models, Automatic Speech Recognition, ASR, machine learning, ML, deep learning, DL, ML engineer, machine learning engineer, natural language understanding, NLU, Natural Language Processing, NLP, Knowledge Graphs