

DOCTORAL RESEARCHERS (f/m/d)

Start date	October 1 st , 2026
Duration	4 years
Salary	E13 TV-L (100%)
Location	FAU Erlangen-Nürnberg
Deadline	July 15 th , 2026

About coHu

coHu is a research training group that intends to push user-friendly human-machine interfaces while providing next-generation researchers with complementary knowledge from human and engineering sciences required to shape human-system interaction in academia, industry, healthcare, consultancy, and beyond. To address the interplay between human factors and the design of efficient and functional systems, we aim to combine co-design and human-in-the-loop approaches.

The principal investigators of coHu offer expertise in the following areas:

- human-machine interfaces
- human-in-the-loop design
- embedded systems and hardware/software co-design
- rehabilitation, assistive and medical robotics
- prosthetics and exoskeletons
- biomechanics and movement analysis
- nonlinear, optimal and model predictive control
- wireless communication and radar systems

More information about the project can be found at <https://cohu.fau.eu>

We offer

As a coHu researcher, you will be part of a highly interdisciplinary team of researchers from the fields of engineering, computer science and psychology. You will have the opportunity to work on cutting-edge research projects in the field of human-machine interaction and to contribute to the development of innovative technologies.

As a research training group, coHu offers an exceptional qualification program, including interdisciplinary courses, practical and transferable skills training, seminars on ethical, legal and social implications, and summer schools.

Your profile

coHu combines a variety of projects (for project descriptions see: <https://www.cohu.fau.eu>) whose research focuses are linked to different disciplines.

Accordingly, you are eligible to apply if:

- You either hold or are about to obtain a M. Sc. degree in a field related to engineering, computer science, psychology or in a closely related field. Your background should be in line with the subproject you are applying for.
- You are proficient in the English language; knowledge of German language is welcome
- You have strong interpersonal skills and are able to work in a team
- You can work independently, take responsibility for your research project and are motivated to contribute to the success of the RTG
- You appreciate the benefits of interdisciplinary research and are open to think beyond your field of expertise

Application

Necessary documents:

- Letter of motivation (max. 1 page) including your order of preference for your **top three** sub-projects among the ten available projects described on the coHu website (<https://cohu.fau.eu>)
- Copy of Master degree (if not yet available, please send Bachelor degree instead)
- Academic transcripts (with grades and rankings)
- Brief summary of Master's thesis (max. 1 page)
- Short CV
- Letter/s of recommendations and publication list (optional)

Please submit all the documents in a single PDF file.

Remuneration

Remuneration is at E 13 TV-L (full-time, limited to four years) according to the German public service salary scale. The 1st cohort of the RTG GRK 3222 coHu funded by the German Science Foundation (DFG) will start on October 1st, 2026. Your working location is at Friedrich-Alexander-Universität Erlangen-Nürnberg.

Due date

Applications will be reviewed on a rolling basis until the deadline of July 15, 2026. Please send your application to asm-cohu@fau.de.