The Assistive Intelligent Robotics Lab, a research facility within the Friedrich-Alexander University (FAU) of Erlangen-Nuremberg, Germany, is seeking to appoint

One postdoctoral fellow in assistive robotics

Tasks

The AIROB Lab is concerned with **all aspects of assistive and rehabilitation robotics,** with a specific focus on people with missing limbs, stroke and SCI survivors, and in general, with people with mobility and manipulation issues; we work with prosthetic devices, extended reality, soft exosuits and exoskeletons, and mainly concern ourselves with the corresponding human-machine interaction strategies and interfaces. Ideally, **you will seamlessly integrate in this group** and develop here your own career as a scientist. This means defining a scientific project looking ahead to two to four years, establishing contact with clinics and hospitals, industrial partners and fellow scientific institutions which complement our competences; all of this, at the national and international level. You will be mainly concerned with **research in lower-limb prosthetic and rehabilitation** and will have funds available for both equipment and travelling. Still, you are also expected to dig your own funding and publish independently.

You will also **participate in shaping, organising and maintaining** the AIROB Lab, our research facility, dealing with technological, scientific and human-related aspects of medical robotics. The Lab is equipped with upper- and lower-limb prosthetic hardware, extended reality, exo-suits, a suspension-aided walking area and numerous kinds of sensors. Moreover, we have a small but raging mechanical / electronic workshop, which you will be in charge of managing.

Last but not least, **you will support the group's teaching activities** at the bachelor and master's level – this includes (but is not limited to) organizing seminars and holding lectures, computer and journal clubs.

Position

The position is full-time for two+two years (probation time six months), extendable if required, initially paid according to the German public administration ranking E13/1-2, consisting of up to EUR 64.000+ gross/year. A flexible home-office plan is available. You are expected to start within August, 2026 and required to live in Erlangen or in the vicinity. Erlangen, a student city in Central Franconia inhabited by ~120.000 people, offers plenty of housing opportunities and ranks average in Germany, as far as the cost of living is concerned.

Requirements

As the ideal candidate, you

- want to pursue an academic career in assistive robotics and are keen on interacting with patients;
- have a Ph.D. in medical technology, biomedical engineering, or related;
- have solid knowledge and practical experience in mechanical and electronic engineering;
- possess a good track record, i.e., publications, awards, grants, talks, ...;
- can work independently and manage multiple complex tasks simultaneously.

Excellent communication skills in both written and spoken English, and the ability to write scientific papers and grant proposals, are given for granted and will be tested during the interview.

Do you think you are the one? Then apply!

Send your application to claudio.castellini@fau.de via mail, with subject [Application postdoc 2026], as a single PDF file, containing:

- a motivation letter, plus your CV and track record;
- a highlighted list of your three most relevant publications;
- any letters of recommendation; and, well,
- anything else which could convince us to hire you.

Your deadline: March 15th, 2026.

Applications not meeting the requirements above, and/or missing the deadline, will not be considered.