

Technician Position for Laboratory Equipment and Electron Microscopy (m/f/d)

Your workplace

The Institute of Micro- and Nanostructure Research (IMN) at the Department of Materials Science is active in the field of nanomaterials research, using a variety of electron and X-ray microscopy methods. The IMN operates and uses various high-performance microscopes in the field of transmission electron microscopy, scanning electron microscopy and X-ray microscopy as well as a well-equipped laboratory for sample preparation. These devices and equipment are part of the Center for Nanoanalysis and Electron Microscopy (CENEM) at Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), an established competence center and user facility for electron microscopy and nanoanalytics at FAU.

We have a lot to offer: Our benefits

- Regular step increase and rising salary in accordance with the collective agreement for the public service of the federal states (TV-L) or salary according to BayBesG as well as additional annual special payment
- Vacation entitlement of 30 days per calendar year with five working days per week, with additional days off on December 24 and 31
- Flexible working time arrangements and models as well as the option to compensate for overtime with time off
- Company pension scheme and capital-forming benefits
- Family-friendly environment with vacation and childcare facilities
- Home office generally possible after induction
- Wide range of training and development opportunities
- Comprehensive induction training by a dedicated team
- Joint activities within the team
- Collegial working environment with a very good working atmosphere
- Discounted food and drinks in our canteens
- Office space within walking distance of public transportation
- Working in a dynamic, internationally oriented research environment
- Challenging and varied tasks with the opportunity to work independently and flexibly

Your tasks

- Preparation and analysis of electron microscopic samples using a scanning electron microscope with integrated focused ion beam system (FIB-SEM)
- Responsibility for and use of equipment for scanning electron microscopy (SEM and FIB-SEM)
- Collaboration in scientific projects and independent processing of customer orders
- Technical support and maintenance of various laboratory equipment (e.g. thin-film systems, laser ablation system, furnaces, glovebox), including problem analysis and carrying out repair and maintenance work

Application deadline: 06.11.2024

Date of recruitment: 01.12.2024

Location: Technische Fakultät,
Cauerstraße 3, 91058 Erlangen

Remuneration: TV-L E 9b

Working hours: Full-time

Weekly working hours: 40.00 hours

Temporary employment: 24 months

Contact: Benjamin Apeleo Zubiri

E-Mail:
benjamin.apeleo.zubiri@fau.de

Please apply through the
FAU recruitment platform



<https://www.jobs.fau.de/jobs/technischer-mitarbeiter-fuer-laborgeraete-und-elektronenmikroskopie-m-w-d-fau-622/>

Your profile

- Completed vocational training as a technician or technical assistant or completed university studies (Bachelor / Diploma [FH]) in the field of materials testing or technology, mechatronics, electrical engineering or comparable qualification
- Professional experience in the field of electron microscopy and in the technical support of laboratory equipment, ideally related to electrics, mechatronics or electrical engineering
- Knowledge in the field of electron microscopy, desirable in the preparation of electron microscopic samples
- Excellent knowledge of German (at least C2 level) and good knowledge of English (at least B2 level)
- High degree of initiative, independence and a structured, precise way of working
- Enjoy teamwork in a scientific environment and enthusiasm for precise, fine motor work in sample preparation

Supplementary information

If suitable, there is a prospect of continued employment.

FAU as employer

Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), founded in 1743, is one of the leading research universities in Germany with almost 40,000 students and 6,600 employees. Our five faculties offer a broad spectrum of modern scientific disciplines, from natural sciences and engineering to medicine, law, economics, humanities and theology. The faculties receive bureaucratic support from our staff at the Central University Administration (ZUV).

What really distinguishes FAU as a comprehensive university is our lively interdisciplinarity. Research and teaching are distinguished by the intensive interdisciplinary cooperation that characterizes our university life. This is where innovative ideas and solutions are created. Welcome to FAU, where knowledge connects and the future is shaped.