

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

Technische Fakultät, Erlangen, TV-L E 9b, Vollzeit, Befristete Anstellung: 24 Monate,
Bewerbungsschluss: 07.11.2024

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.

Benefits: We Have a Lot To Offer

- Regular promotion to the next level and increase in salary pursuant to the collective bargaining agreement for the public service of the German Länder (TV-L) or remuneration pursuant to the Bavarian Public Servants Remuneration Act (BayBesG) plus an additional annual bonus
- 30 days annual leave at five working days per week with additional free days on December 24 and 31
- Flexible working hours and models and the possibility to take time off in lieu
- Occupational pension scheme and asset accumulation savings scheme
- Family-friendly environment with childcare options, also during school holidays

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

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 with a relevant working experience

- Professional experience in the technical support of laboratory equipment
- Professional experience in the field of electron microscopy
- Knowledge in the field of electron microscopy, desirable in the preparation of electron microscopic samples
- Professional experience related to electrics, mechatronics or electrical engineering
- Excellent knowledge of German (mind. C1-Niveau) and good knowledge of English (mind. B2-Niveau)
- 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

Additional Information

Employment is initially limited for a period of two years. Continued employment is envisaged if suitable. If necessary, if of the civil service and career law requirements.

Interessiert?

Die vollständige Stellenausschreibung sowie alle Infos zum Bewerbungsverfahren finden Sie hier:

