



Technische Universität Berlin



Technical management of the laboratories in the field of experimental physics, in particular applied physics - salary grade E12 TV-L Berliner Hochschulen

Part-time employment may be possible

Faculty II - Mathematics and Natural Sciences, Institute of Physics and Astronomy - Experimental Physics/Applied Physics

Reference number: II-429/25 (starting at the earliest possible / unbefristet / closing date for applications 31/10/25)

Your responsibility:

- Application of state-of-the-art structuring and nanotechnology processes
- Further development of process equipment for semiconductor nanotechnology
- Setup and maintenance of electronic and optical measurement systems
- Organization and collaboration in low-temperature and laser systems
- Safety aspects and further development of the IT infrastructure in the research group

Your profile:

- Completed relevant university degree (bachelor's or technical college diploma) in physics or engineering with additional knowledge of semiconductor technology and vacuum technology
- In-depth knowledge of semiconductor technologies, especially in the areas of thin-film deposition techniques, vacuum technology, measurement technology, and the design and control (programming) of electronic and optical measurement setups
- Experience in handling hazardous substances and responsible monitoring of safety and precautionary measures for occupational safety and environmental protection
- In-depth knowledge and experience in the field of IT
- Very good knowledge of German
- Ability to work independently in a complex environment is desirable
- Many years of experience in the independent operation of complex networks of semiconductor processing systems and scientific measurement setups are an advantage
- Detailed knowledge and skills in the metrological analysis of semiconductor structures are desirable
- Knowledge and experience in CNC programming/manufacturing are desirable
- Knowledge of CAD design are desirable
- Knowledge of soldering and welding are desirable
- Confident technical English skills are desirable
- Excellent social skills in working with constantly changing students and postdoctoral researchers who may not speak German is desirable
- Independent, reliable, accurate approach to work and self-driven initiative is desirable
- Quick technical comprehension is desirable
- Ability to work in a team, service orientation, consulting skills ist desirable

How to apply:

Please send your application with the reference number and the usual documents (single pdf-file, max. 5 MB) by email to Prof. Dr. Koblmüller; ifkp@physik.tu-berlin.de.

By submitting your application via email you consent to having your data electronically processed and saved. Please note that we do not provide a guaranty for the protection of your personal data when submitted as unprotected file. Please find our data protection notice acc. DSGVO (General Data Protection Regulation) at the TU staff department homepage: https://www.abt2-t.tu-berlin.de/menue/themen_a_z/datenschutzerklaerung/.

To ensure equal opportunities between women and men, applications by women with the required qualifications are explicitly desired. Qualified individuals with disabilities will be favored. The TU Berlin values the diversity of its members and is committed to the goals of equal opportunities. Applications from people of all nationalities and with a migration background are very welcome.

The vacancy is also available on the internet at:
<https://www.jobs.tu-berlin.de>

