

The Leibniz Institute for Solid State and Materials Research Dresden – in short IFW Dresden – is a non-university research institute and a member of the Leibniz Association. The IFW employs approximately 600 people and one focus is on the training of young scientists besides enhancing fundamental and applied research development. At the highest international level, the IFW operates modern materials science on a scientific basis and makes the obtained results useful for the economy. The complex and interdisciplinary research work is carried out within the IFW by five scientific institutes, which are supported by a highly developed technical infrastructure. The IFW supports its employees in reconciling work and family life and regularly submits to the berufundfamilie® audit. Further information at: <http://www.ifw-dresden.de>.

Student assistant/SHK (m/f/d)

Linux-affine, for system administration of HPC- and/or desktop computers

Are you interested in system administration of HPC- and/or desktop computers?
Are you looking for a student assistant job, designed for a longer co-operation?

If you answer these questions with yes, please continue reading.

The Institute for Theoretical Solid State Physics in the IFW Dresden needs support with administration of Debian-based HPC cluster (~160 knots) and the design of workplace computers.

This can be small or larger projects in the area of

- Adaption of quantum chemical programmes to the existing environment (compiler, MPI)
- Automation of installations with FAI (fai-project.org)
- Tuning and upgrading of operation system (drivers, networking)
- Documentation (Wiki) for users
- Design of dual-OS-workplaces with integration into central infrastructure

We are looking for a student with

- Linux command line experience
- Knowledge of common network services
- Ability of self-controlled work
- With the understanding, that documentation is necessary for good sustainable work

We offer:

- A fairly long-term student assistant job
- The opportunity for practical work with clearly designed HPC- Systems
- Participation in design of hard- and software project, if you are interested in it
- Individual working hours on agreement

For more information on please feel free to contact Ulrike Nitzsche (u.nitzsche@ifw-dresden.de, 0351-4659 463).

The IFW would like to increase the proportion of women in science. Qualified women are therefore explicitly invited to apply. Severely disabled applicants (m/f/d) are given preferential treatment if they have the same qualifications.

If you are interested in the position, please send your application (in English) including a CV, a motivation letter, skills and experience and copies of certificates citing the **reference number (A5200-4/19)** as a single pdf file (other formats will not be accepted) exclusively to:

bewerbung@ifw-dresden.de.