Interested in solid-state quantum materials? We have a PhD position for 3+1 years **starting from October 2023**. You will be working on quantum materials under pressure and strain, seeking to understand their structural changes and how those changes affect the magnetic behavior. This position is part of the newly established collaborative research center **TRR360 "Constrained quantum matter"**. It will involve an active networking inside the consortium, including joint projects with other German universities and participation in experiments at European synchrotron and neutron facilities.

We look for candidates interested in solid-state and materials physics, with previous background in physics, chemistry, or material science. Knowledge of crystallography and/or experience with crystal growth or numerical calculations, especially density-functional calculations, will be an advantage.

**Remuneration:** 50% TV-L E13 position (with the possible increase after one year upon good performance)

You will find more information about us on our web page and in Twitter:

[https://research.uni-leipzig.de/sum](https://research.uni-leipzig.de/sum)

[https://twitter.com/CrysQuMat](https://twitter.com/CrysQuMat)

Formal and informal inquiries should be addressed to
**Prof. Alexander Tsirlin:** [alexander.tsirlin@uni-leipzig.de](mailto:alexander.tsirlin@uni-leipzig.de)

Please, **attach your CV** and a short (one paragraph) **description** of your skills with an explanation how they fit to the proposed topic.