



A position is available at the Faculty of material science and material technology, Institute of Materials Science, for a



Post-doctoral researcher (m/w/d) – reference number 320-E/2021

Expected start of the project at March 1st 2022 (or as agreed upon)

Salary: Pay group 13 TV-L
Job size: 100 % (Part-time possible, if applicable)
Start of work: fixed-term until February 28th 2025

Job description:

- Work on the DFG-funded project “Phase separation at different length scales in Galfenol related alloys” under the responsibility of Prof. A. Leineweber as principal investigator
- Preparation and heat treatment of Fe-(Ga, Al, Ge) alloys
- Analysis of the phase transformation behavior of these alloys and assessment of this behaviour in view of the magnetostrictive properties
- Publication of the obtained results

What you can expect from us:

- A position in an active and supportive research group at a family-friendly university with flexible working hours
- Salary in accordance with the collective labour agreement for civil servants of the German states
- Support from experienced colleagues for lab work, scientific publications and participation in conferences
- Possibility to take part in the University’s career development programmes

What we expect from you:

- MSc degree in materials science, chemistry, physics or mineralogy (PhD not prerequisite but also welcome)
- Openness for interdisciplinary materials science and combination of methods
- Knowledge or openness regarding structural analysis methods like X-ray diffraction, (advanced scanning) electron microscopy and further methods in materials analysis
- very good knowledge in physical metallurgy, materials physics and thermodynamics
- Non-doctorated applicants can combine the work with preparing a PhD thesis

**For further information please contact Herr Prof. Andreas Leineweber;
E-Mail: andreas.leineweber@iww.tu-freiberg.de.**

Severely disabled or equivalent applicants (m/f/d) will be given preferential consideration in the event of equal suitability, performance and qualifications. For appropriate consideration, we ask that proof of the severe disability/equality is attached to the application documents. The TU Bergakademie Freiberg aims to increase the proportion of women in teaching and research and is therefore particularly interested in applications from qualified women.

Please send your application with the usual documents and quoting the **advertisement code (320-E/2021)** by **30.01.2022** (the postmark of the ZPS of the TU Bergakademie Freiberg applies) to:

**TU Bergakademie Freiberg - Dezernat für Personalangelegenheiten - 09596 Freiberg;
bewerbungen@tu-freiberg.de**

Your application materials will not be returned; please submit copies only. Interview costs will not be covered. The TU Bergakademie Freiberg is also looking for scientific personnel from different disciplines. Information under: <http://tu-freiberg.de/wirtschaft/karriere/stellenausschreibungen>