A position is available at the Institute of Materials Science for a

Doctoral or Postdoctoral Researcher (m/f/d) – reference number 279-E/2022

Expected start of the project at January 1st 2023 (or as agreed upon)

Pay grade: E13 TV-L
Hours: full-time
Contract type: fixed-term until December 31st 2025 (or starting date + 36 months)

Job description:
− Work on the DFG-funded project “Obstructed and unobstructed growth of expanded austenite layers” under the responsibility of Prof. A. Leineweber as principal investigator
− X-ray diffraction and scanning electron microscopy on austenitic steel specimens nitrided and carburised by cooperation partners
− Interpretation of the microstructure evolution in terms of the success of applied activation procedures
− 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 or equivalent in materials science, mechanical engineering, chemistry, physics or mineralogy (PhD not prerequisite)
− 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
− Knowledge in physical metallurgy, materials physics and thermodynamics
− Very good knowledge in English
− Non-doctorated applicants can combine the work with preparing a PhD thesis

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

The applicant must meet the hiring requirements for fixed-term employment contracts according to the WissZeitVG. Applicants with disabilities will receive preferential consideration, provided they possess equal qualifications. For consideration, we ask you to submit proof of your disabled status together with your application documents. TU Bergakademie is committed to increasing the number of women in teaching and research positions, hence qualified female candidates are especially encouraged to apply.

Written applications, including a CV, motivation letter and copies of all relevant qualifications documents (certificates, diplomas), should be submitted before November 7th stating reference number (279-E/2022) to the following address:

TU Bergakademie Freiberg - Dezernat für Personalangelegenheiten - 09596 Freiberg or per E-Mail: bewerbungen@tu-freiberg.de

Your application documents will not be returned, please only submit copies. Candidates will not be compensated for any costs incurred for attending interviews. TU Bergakademie Freiberg is always looking for scientific personnel from various disciplines. Further information can be found at http://tu-freiberg.de/wirtschaft/karriere/stellenausschreibungen