The Erich Schmid Institute of Materials Science (ESI) of the Austrian Academy of Sciences (OeAW), Austria’s leading non-university research and science institution, is offering a

PHD STUDENT POSITION (f/m/x)
(part-time, 20h per week)

in the framework of the FWF project “Nanoscale strain mapping in metallic glass composites” for a 1-year term of employment.

The aim of the project is to improve our understanding of the fundamental deformation mechanisms in metallic glass composites through direct nanoscale strain mapping in the transmission electron microscope.

Your tasks:
The successful candidate will be part of an international team whose research activities focus on advanced nanocharacterization of complex materials. You task will combine experimental work on sample preparation and characterization. This will involve the production of metallic glass composites through deformation and controlled heat treatments and their analysis using advanced TEM techniques. You are expected to present your findings at international conferences and publish the results in international journals.

Your profile:
- Master in Materials Sciences, Chemistry, Physics or equivalent.
- Background in materials science.
- Prior experience with TEM is mandatory.
- Excellent communication skills in spoken and written English are mandatory.
- We are seeking independent, responsible and team-oriented candidates.

We offer an international, ambitious environment for basic research-oriented candidates who want to perform cutting-edge research with access to world-class synthesis and characterization facilities. We have a friendly and dynamic research environment and strong collaborations with many international academic partners.

The appointment begins as at the earliest possible date (ca. October 2023). We offer an annual gross salary of €23,071.23, according to the collective agreement of the Austrian Academy of Sciences.

Please send your application including a motivation letter and an academic CV via email to: christoph.gammer@oeaw.ac.at no later than August 31st, 2023. Evaluation of candidates will begin immediately and will continue until the position is filled. Please note that only complete applications will be processed.

The Austrian Academy of Sciences (OeAW) pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity. Individuals from underrepresented groups are particularly encouraged to apply.