Job ID: ESI021PM220

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 Position as

**PROJECT SCIENTIST (f* M)**

(full-time, 40h per week)

in the European Research Council project “SPD nanostructured magnets with tunable properties” for a fixed term appointment until December 31, 2022 (project end date).

Nanostructured magnets are nowadays considered to be the next generation of magnetic materials because superior magnetic properties can be achieved by their nanocrystalline microstructure. For engineering applications, however, bulk magnets are required. In this (ERC) project, this challenge is explicitly addressed and the potential to fabricate bulk nanostructured magnets by severe plastic deformation as an innovative processing route is evaluated.

**Your tasks**

The successful candidate will be part of a team whose research activities focus on the synthesis of bulk nanostructured magnetic materials and composites and the in-depth microstructural characterization in combination with simultaneous measurements of functional and mechanical properties. You will be working in a dedicated team and have the opportunity to enhance your scientific career, including participation in international conferences.

**Your profile**

- Completed Master study in Materials Sciences, Physics or equivalent.
- Background in materials science, solid-state physics or related subjects.
- We are seeking independent, responsible and team-oriented candidates.
- Excellent communication skills in spoken and written English are mandatory.

**Our offer**

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 at the earliest possible date. The annual gross salary for this position is € 40,096,00 (full-time based, before taxes) according to the salary scheme of the Austrian Academy of Sciences (OeAW).

Please send your application including a motivation letter, a CV, a sample of scientific work and degree certificates and transcripts (including grade scale) via email to andrea.bachmaier@oeaw.ac.at (mentioning Job ID: ESI021PM220) no later than March 13, 2020.

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. The OeAW lays special emphasis on increasing the number of women in senior and in academic positions. Given equal qualifications, preference will be given to female applicants.*