Job ID: ESI084AS121

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

ACADEMY SCIENTIST (F*M)

(full-time, 40 hours per week)

with an emphasis on scanning electron microscopy and related methods (EBSD, EDS, TKD, SIMS, as well as ion and laser based local material modification) and characterizing magnetic properties of materials. Academy Scientists generally work to the specifications of advanced scientists at the institute and are involved in long-term research projects, are predominantly involved in providing science-based consulting services, and/or work closely with technicians in interface functions. They bring their scientific qualifications with in-depth understanding of methods and, if necessary, expand this with regard to the specific research needs of the institute.

Your tasks:

- The successful candidate will be part of an international team whose research activities focus on the in-depth microstructure, chemical and magnetic characterization of various material systems as well as in-situ micromechanical experiments.
- Take responsibility for training new users on the various electron microscopes and related methods, trouble-shooting problems that arise upon operation of the microscopes, develop new experimental setups based on scientific needs and support maintenance.
- Involvement in the writing of new proposals that facilitate equipment within your responsibility and support users when necessary.
- Enhance your scientific career and the international standing of the institute, including dissemination in highly respected journals and participation in international conferences (possibly virtually).

Your profile:

- PhD in Materials Sciences, Physics or equivalent, and minimum 3-years in Post-doctoral research position in similar field. Leadership skills and industry experience considered a plus.
- Minimum 5-year experience with scanning electron microscopes and focused ion beam workstations.
- Extensive experience with EBSD and EDS, as well as micro-sample fabrication methods and micromechanical testing techniques.
- Profound knowledge on magnetism and related measuring techniques (Magnetoresistive and –strictive measurements, knowledge on SQUID-operation)
- We are seeking independent, innovative, responsible and team-oriented candidates.
- Excellent communication skills in spoken and written English and German are mandatory.

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 (September/October 2021). We offer an annual gross salary of is € 49.718,34, according to the collective agreement of the Austrian Academy of Sciences (OeAW).

Please send your applications including a motivation letter, a 2-page CV, and list of the 10 most important publications via email to: megan.cordill@oeaw.ac.at, mentioning Job ID: ESI084AS121 **no later than August 15, 2021**. The motivation letter (no longer than 2 pages) MUST include two references and address all of the above points (Your Tasks and Your Profile) in some form.
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.

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