



The University of Vienna hosts 20 faculties and centres, 178 fields of study, approximately 9.800 members of staff and about 90.000 students. We invite applications for a

Postdoctoral Researcher position in Mineralogy / Petrology

The position is part of the three-years International Project “Mineral Inclusions in Garnet: nanostructure – texture – genesis” funded by the Austrian Science Fund (FWF) and the Slovenian Research Agency (ARRS). The research project aims to identify the microstructural, crystallographic and compositional footprints of specific mechanisms and conditions of mineral inclusion – garnet host system formation using a wide range of state-of-the-art analytical methods.

Job description:

The postdoctoral researcher will complement an international team of highly experienced scientists at the University of Vienna (A) and the Jožef-Stefan Institute in Ljubljana (SVN). The researcher will perform a wide range of analytical methods for crystallographic, structural and compositional characterization of mineral inclusions – garnet host systems from micrometer to atomic scale. The scientist will collect, merge and correlate the different datasets generated at various analytical facilities located at both research institutions. Collaboration and interaction between the research groups will be fostered by stays at the partner institution during measurement campaigns, and by arranging regular project team meetings in Vienna and Ljubljana.

Profile:

- PhD or equivalent doctoral degree in Mineralogy, Petrology or Material Science
- Experience in applying optical light microscopy, scanning electron microscopy (imaging methods, EBSD, EDX), and transmission electron microscopy
- Diligent, reliable, autonomous approach to work, aiming for research data of highest quality
- Intrinsic motivation to solve complex research questions
- Ability to handle and combine large datasets from multi-methodological analyses
- Excellent communication and organizational skills
- Fluent in spoken and written English

Employment:

- Position location: Department of Lithospheric Research, University of Vienna, Vienna, Austria
- Date of project start: 1. October 2019
- Duration / extent of employment: 3 years / 40 hours per week
- Salary: 3.803,90 Euro gross salary per month

Applications comprising a letter of intent, CV, education certificates, 2 references or commendatory letters, and a publication list should be submitted preferably until **11. August 2019** via email to:
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