

The Institute for Mineralogy, Geosciences Department (FB 14), at the University of Münster, Germany, invites applications for a position as

PhD student (Wissenschaftliche/r Mitarbeiter/in) in Mineralogy/Petrology

**Salary Level E 13 TV-L(50%)
from September 1st 2015**

The aim of this Ph.D. project is to investigate the physical properties of magmatic liquids at high pressure-high temperature conditions using a combination of advanced X-ray methods at synchrotron radiation sources and in-house experiments. The candidate will be trained to work independently with a variety of high pressure techniques and analytical methods, including electron microprobe, SEM and Raman spectroscopy, as well as in thermodynamic modelling. The position is available for 3 years with the possibility of extension for an additional year depending on funding.

Prerequisites:

We seek a highly motivated individual with keen interest in experimental work and thermodynamic modeling. The candidates should have a strong background in petrology and mineralogy. Experience in high pressure and/or synchrotron techniques is desirable but not required. Good communication skills in English and basic computational skills will be helpful. Applicants should hold a Master's degree or equivalent in Earth Sciences, Physics, Chemistry or a related field at the time of the appointment.

Applications:

The University of Münster is an equal opportunity employer and is committed to increasing the proportion of women academics. Consequently, we actively encourage applications by women. Female candidates with equivalent qualifications and academic achievements will be preferentially considered within the framework of the legal possibilities. We also welcome applications from candidates with severe disabilities. Disabled candidates with equivalent qualifications will be preferentially considered.

Candidates should submit, in a single pdf file, a short statement of research experience and interests, a CV including a list of publications, and the names and contact information of three potential referees **by June 27th 2015** to:

Prof. Dr. Carmen Sanchez-Valle

Institute for Mineralogy
Corrensstr. 24
48149 Münster, Germany
E-mail: sanchezm@uni-muenster.de

Review of applications will start immediately and will continue until the position is filled. Please contact Prof. Dr. Carmen Sanchez-Valle for additional information concerning the project. General information about the Institute for Mineralogy and the University of Münster is available at:

<http://www.uni-muenster.de/Mineralogie/en/institut/institut.html>
<http://www.uni-muenster.de/en>