



Universität Hamburg

DER FORSCHUNG | DER LEHRE | DER BILDUNG

School: Mathematics, Informatics and Natural Sciences

Department: Earth Sciences

Seminar/Institute: Institute of Mineralogy and Petrology

Pending funding, Universität Hamburg invites applications for a

Post-doc Research Associate commencing on **01.03.2014**.

— The position is full-time (39 hours per week) and is remunerated at the 13 TV-L salary level.

This short-term three-year contract terminates on 28.02.2017. The short-term nature of this contract is based upon § 2 of the Academic Short-term Contract Act (WissZeitVG).

— The University aims to increase the number of women in research and teaching and explicitly encourages women to apply. Equally qualified female applicants will receive preference in accordance with Hamburg's Higher Education Act (HmbHG).

Tasks:

Duties include academic services in the project: DFG MI 1127/7-1 "Crystal chemistry and phonon modes in complex silicates containing hydrous species"

Area(s) of responsibility:

Studies of the Raman scattering of tourmalines and amphiboles at different temperatures and high pressures; the project aims (i) to find a correlation between the chemical composition on the non-tetrahedral sites and phonons in tourmalines and amphiboles; (ii) to study the lattice dynamics at non-ambient conditions (high pressure and high/low temperature) as a function of chemistry by in situ experiments on selected tourmaline and amphibole samples.

Requirements:

A university degree in a relevant subject plus a doctoral degree. Academic degree (PhD) in one of the following academic subject areas: Mineralogy/Crystallography/Petrology, Solid State Chemistry, and Solid State Physics, qualifying the holder to carry out the above-mentioned responsibilities

We are searching for strongly motivated and determined candidates with ability to work in a team and experience in the field of structural analysis of single crystals. Experimental skills in Raman spectroscopy and high-pressure experiments are

preferable.

Severely disabled applicants will receive preference over equally qualified non-disabled applicants.

Applications should include a letter of application, curriculum vitae, and copies of degree certificate(s). The deadline for applications is 01.02.2014. Please send applications to: Associate Prof. Dr. Boriana Mihailova, Mineralogisch-Petrographisches Institut, Universität Hamburg, Grindelallee 48, 20146 Hamburg, e-mail: boriana.mihailova@uni-hamburg.de

For further information, please contact Dr. Mihailova on 040-42838-2052 or @uni-hamburg.de. Alternatively, please consult our website <http://www1.uni-hamburg.de/mpi/index.html>.



Universität Hamburg is certified by the
family-friendly higher education audit