

The Section 4.1 „Experimental Geochemistry and Mineral Physics“ at GeoForschungsZentrum Potsdam (GFZ) invites applications for a

## Post-doctoral Scientist (f/m) –Tenure Track

The candidate should hold a PhD and have a strong background in Earth sciences, physics, chemistry, material sciences or related disciplines. She/he should develop an ambitious research plan in Experimental Petrology/Geochemistry. A strong experimental background is required and skills in phase characterization techniques are desired. The candidate is expected to be responsible for the internally heated pressure vessel laboratory at GFZ.

Our research group is engaged in studies, controlling the geodynamics of the Earth's crust and mantle. Research is focused on properties of geomaterials, mechanisms and kinetics of phase transitions and mineral reactions, geochemical cycles and subduction zone processes. Important topics include fluid-mediated processes, such as interactions between minerals, fluids and melts as well as fluid-induced petrophysical and rheological properties.

Collaboration with other scientists within the Research Unit “Nanoscale Processes and Geomaterials Properties” funded by the German Science Foundation and operated by the Petrology/Geochemistry groups of FU Berlin, TU Berlin, and GFZ Potsdam is desirable.

The duration of the position is initially 3 years. Promotion to Staff Scientist with tenure can be considered thereafter. Salary level is due to German civil service Remuneration System pay group 14 TVöD-East.

For further information please contact:

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Homepage of GFZ's EGMP group: [www.gfz-potsdam.de/pb4/pg1/welcome-pb41.html](http://www.gfz-potsdam.de/pb4/pg1/welcome-pb41.html)

Review of the applications will begin 4 weeks after publication and continue until the position is filled. The GFZ encourages applications from female candidates. The kindergarden service “Geolino” is available at GFZ's campus. Handicapped applicants will be given preference in the case of equal qualifications.

Please submit a resume, summary of research plans, list of publications, and the names and addresses of three references to:

Prof. Wilhelm Heinrich

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