

## Vacancy No. 65/2/09 D

The Helmholtz Centre Potsdam, German Research Centre for Geosciences (GFZ), is the national Research Centre for Geosciences in Germany and a member of the Helmholtz Association. Based on a cooperation convention between the German Ministry of Education and Science (BMBF) and the Joint Institute for Nuclear Physics (JINR) in Dubna (Russia) the GFZ has access to a neutron beam line, especially qualified for experiments on texture and strain measurements at geomaterials using neutron time-of-flight diffraction. For the ongoing servicing of experimental and management work around the strain diffractometer EPSILON-MDS we invite applications for a

### Scientist (m/f).

The successful applicant will be employed at the GFZ Potsdam and delegated by the BMBF to the FRANK Laboratory of Neutron Physics (FLNP) of the Joint Institute for Nuclear Research (JINR) Dubna and act in a German-Russian team of physicists, geo- and materials scientists. Places of work are according to requirements Dubna or Potsdam.

#### Tasks:

- Performance of experiments, mainly carried out at the neutron time-of-flight diffractometer Epsilon-Mds (strain), if sometimes required at the diffractometer SKAT (texture) too.
- Data handling, ODF calculation, and interpretation of measured data
- Participation in award of future development of both experimental technique and theory
- Participation in the management of general tasks resulting from the cooperation between the acting partners

#### Qualifications:

- University degree (physics, geoscience, material science)
- Experience in diffraction methods (X-ray or neutron scattering)
- Pronounced competence for interdisciplinary team work
- Desirable would be basic knowledge in Russian language. Required is good knowledge of English

<b>Start:</b>	As soon as possible
<b>Duration:</b>	First limited to 12/2011 (with the option of an extension)
<b>Working location:</b>	Potsdam and JINR Dubna (Russia)
<b>Salary:</b>	EG 13 TVöD-O
<b>Contact:</b>	Dr. A. Frischbutter (Tel.: 0331-288-1122)
<b>Application Deadline:</b>	Evaluation will begin two weeks after the announcement of the position and continues until position is filled.

Equal opportunity is part of our personnel policy. The GFZ encourages applications from qualified female candidates. Handicapped applicants will be given preference in the case of equal qualifications.

Applications should include curriculum vitae and a statement of research interests. Helpful would be a reference to own publications. Your applications should be submitted to:

Helmholtz-Zentrum Potsdam  
Deutsches GeoForschungsZentrum  
Personal- und Sozialwesen  
Telegrafenberg  
14473 Potsdam

Potsdam, 15. Oktober 2009

Dr. Hörstrup