

Johann Wolfgang Goethe-Universität Frankfurt am Main
FB Geowissenschaften, FE Mineralogie / Kristallographie

FB Geowissenschaften

Institut Geowissenschaften • Kristallographie
Altenhöferallee 1
60438 Frankfurt am Main

Prof. Dr. Björn Winkler

Telefon +49 (0)69-798 40107
Telefax +49 (0)69-798 20109
E-Mail b.winkler@kristall.uni-frankfurt.de

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3 year post doctoral position available immediately Laser-heated DAC at PETRA-III

We have recently obtained a grant from the German Ministry for Education to build an 'extreme conditions'-diffraction station at PETRA-III, a new synchrotron currently under construction in Hamburg.

We have funding for at least 3 years for a post-doctoral research associate to build the laser-heating environment and commission the 'extreme conditions'-station. A further 3 years of funding is expected.

The sample-environment will initially be designed and built in Frankfurt, and after completion of the hutch at PETRA-III will be moved to Hamburg. Hence, the research associate must be willing to relocate from Frankfurt to Hamburg during the project.

The research associate will be supported by a technician, who is also paid from this grant, and the workshop of the institute. Also, we are currently building and operating an offline CO₂-laser heating facility in the framework of the DFG-research priority programme 'Matter at extreme conditions'. Hence other post-docs in the group are available to support this work.

Salary is according to BAT-IIa, the standard remuneration for post-docs in Germany.

The position is available immediately and we invite applications until it is filled. We are looking for a dedicated and enthusiastic individual who has significant experience in at least one or more fields related to this project, such as DAC-based high pressure studies, experiments with high power lasers and synchrotron-based experiments. Command of the German language is not a prerequisite.

For further information, please contact Bjoern Winkler (b.winkler@kristall.uni-frankfurt.de) and/or Karsten Knorr (knorr@min.uni-kiel.de) or send your application to both of us.

We are looking forward to hearing from you.

Bjoern Winkler and Karsten Knorr