

**A postdoctoral position in high-pressure geoscience at the Bayerisches Geoinstitut,  
University of Bayreuth, Germany**

We invite applications from innovative and highly-motivated individuals for a postdoctoral research position at the Bayerisches Geoinstitut (BGI), University of Bayreuth, in the framework of Prof. T. Katsura's DFG grant. The position will start in September 2021 for 24 months. A later starting date is possible but should be negotiated. The salary level is TV-L E13 100%.

A successful applicant will investigate the textural evolution of bridgmanite-ferropericlasite aggregates as a function of pressure and temperature using advanced technology of multianvil experiments developed by the BGI. He/She is also expected to develop multianvil technology through innovation and investigate the structure, dynamics, and evolution of the Earth's mantle. Candidates should have relevant degrees in solid geoscience, material science, or related fields. Research experience of high-pressure experimental mineralogy and petrology is highly appreciated. On the other hand, no experience of multianvil experiments is required. Applications including a cover letter, CV, publication list, concise but concrete summary of research achievement so far done, statement of research interest, and contact addresses of three references should be sent as one single PDF to [tomo.katsura@uni-bayreuth.de](mailto:tomo.katsura@uni-bayreuth.de). The deadline for submission is 10<sup>th</sup> June 2021. A final decision will be made by interview after the selection based on the application documents.

Tomoo Katsura  
Professor of Structure and Dynamics of Earth Materials  
Bayerisches Geoinstitut, University of Bayreuth  
Universitätsstrasse 30, 95440 Bayreuth, GERMANY  
Tel: +49(0)921 55-3791 (office) 3700/3766 (institute)  
Fax: +49(0)921 55-3769  
E-mail: [Tomo.Katsura@uni-bayreuth.de](mailto:Tomo.Katsura@uni-bayreuth.de)  
<https://katsurabgi.jimdo.com/>