



DMG-Short Course/“Doktorandenkurs”: 17- 21 February, 2020

“High-Pressure Experimental Techniques and Applications to the Earth’s Interior”

This five-day short course will provide an introduction to state-of-the-art experimental methods in mineralogy, geochemistry and geophysics as applied to understanding the composition, structure and dynamics of the Earth’s interior. Topics to be covered include high-pressure/high-temperature experimental methods, spectroscopy and X-ray diffraction at high-pressure, transmission electron microscopy, thermodynamics and phase equilibria, high-pressure crystal chemistry, equations of state, transformation kinetics, diffusion and deformation. The course will be held in the laboratories of Bayerisches Geoinstitut.

Requirements: The course is aimed primarily at advanced-level undergraduate and graduate students but is also open to postdoctoral researchers. Participants should have completed at least 7 semesters of Earth Sciences and should have a basic background in mineralogy, crystallography, petrology and/or geophysics. The number of participants will be limited. The official course language is English. ECTS (European Credit Transfer System): Participants may obtain 2 ECTS credit points after completion of the course and after passing a written examination. For students who do not wish to obtain an ECTS certificate, the examination is not required.

Costs: The course fee will be Euro 70,- which covers the course materials, refreshments during the course and the Short Course dinner on Tuesday night. We will help find reasonably priced accommodation. The course receives financial support by *German Mineralogical Society (Deutsche Mineralogische Gesellschaft - DMG)*. Non-Bayreuth student members of DMG are eligible for travel support to the amount of Euro 50,-.

Information: Further information can be obtained from
<http://www.bgi.uni-bayreuth.de/ShortCourse2020> - or dmg-home.org/aktuelles/doktorandenkurse/

or Dr. Florian Heidelberg, e-mail: florian.heidelberg@uni-bayreuth.de
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Applications should be sent to the following address **before 07 January 2020:**

2020 High-Pressure Short Course
Bayerisches Geoinstitut
Universität Bayreuth
D-95440 Bayreuth
Germany

(fax or email appreciated)



Information and application form: <http://www.bgi.uni-bayreuth.de/ShortCourse2020>