

DMG-Short Course/“Doktorandenkurs”: 13 - 17 February, 2006

**“High-Pressure Experimental Techniques and
Applications to the Earth’s Interior”
Bayerisches Geoinstitut, Universität Bayreuth**

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 to 20. 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 60.- which will cover course materials, refreshments and the Short Course dinner. We will help finding reasonably priced accommodation. *Non-Bayreuth-student members of DMG are eligible for travel support by Deutsche Mineralogische Gesellschaft (DMG = German Mineralogical Society) to the amount of Euro 50,-.*

Information: Further information can be obtained from

Prof. D.C. Rubie	e-mail: dave.rubie@uni-bayreuth.de
Dr. S. Keyssner	e-mail: stefan.keyssner@uni-bayreuth.de
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Applications should be sent via email to stefan.keyssner or by mail to the following address before 09 January 2006:

2006 High-Pressure Short Course
Bayerisches Geoinstitut
Universität Bayreuth
D-95440 Bayreuth
Germany

Application forms can be downloaded from the internet: <http://www.bgi.uni-bayreuth.de>