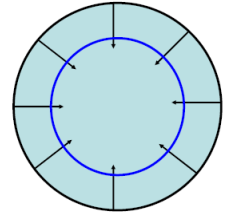


Short Course/Summer School

Basics of Diffusion



- Date:** 2. - 6. August 2010
- Location:** Institut für Mineralogie, Leibniz Universität Hannover, Callinstr. 3, 30167 Hannover
- Beginning:** 2. August 2010, 9.00 a.m., Seminar room of Mineralogy (129)

The short course consists of lectures, theoretical exercises and practical exercises. PhD students and Post docs of the DFG researcher group MoLiFe have a preference, but other interested students may participate as well. The number of participants in the practical exercises (simple diffusion-related experiments) is limited to 16 (4 groups of 4 students).

Topics:

- Overview diffusion in solid, liquids and gases
- Experimental and analytical techniques to measure diffusivities
- Relations between various transport properties
- Parameters affection the diffusion
- Stationary diffusion, permeation of gases
- Simple solutions of Fick's 2nd law
- Coupling of diffusion fluxes

For further information and registration please contact:

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