UNIVERSITÄT BERN

The Physics Institute and the Institute for Geology, both at the University of Bern invite applications for a Postdoctoral fellowship in the field of early solar system chronology and noble gas cosmochemistry.

PostDoc position in early solar system studies

Project description
The proposed project, which is funded within the NCCR PlanetS program, aims at dating chondrules from primitive meteorites using the 26Al-26Mg dating system. The measurements will be performed at the ion-microprobe at the University at Lausanne (SwissSims) on olivine, pyroxene and mesostasis following established procedures. The measurements are very challenging. Aliquots of the selected chondrules will also be studied for their mineralogy via micro-ct techniques and will be measured for their noble gas concentrations using the laser extraction system at the University of Bern. Consequently, the successful candidate will work on both fields, 26Al-26Mg dating and noble gas mass spectrometry.

Requirements
The principal selection criteria for this PostDoc position is the scientific excellence. Some expertise in either 26Al-26Mg dating or noble gas mass spectrometry would be an advantage. In addition, the success-ful applicant should be highly motivated; strong technical and communication skills are essential.

We offer
The position is available from November 1st 2018 and is guaranteed for 3 year. The application deadline is October 1st but the search will be open until the position is filled. Salary is according to the Swiss Na-tional Science Foundation.

Application / Contact
Applicants should send a letter of application, a CV, a publication list, and contact information of at least two references to: Prof. Dr. Ingo Leya: ingo.leya@space.unibe.ch

University of Bern, Physics Institute, Sidlerstrasse 5, CH-3012 Bern, www.unibe.ch

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