Faculty Senior Lecturer position in mineralogy/crystallography.

The Laboratory of Mineralogy in the Institute of Geological Sciences at the University of Berne (Switzerland) seeks a highly experienced mineralogist/crystallographer to conduct research in the field of minerals reactivity, to oversee the operation of laboratory infrastructure and contribute to teaching in mineralogy and crystallography as a faculty Senior Lecturer (Dozent-I).

Our laboratory facilities currently comprise a Cypher ES AFM equipped with a flow through environmental cell for in situ investigations of mineral dissolution and precipitation, a single crystal diffractometer (Bruker Apex II), several powder diffractometers (PANalytical Xpert Pro and Cubix3). The successful candidate will be responsible for the overall day-to-day operation of laboratory equipment, including student training, data collection and structure solution. The successful candidate will also be expected to work effectively with other researchers in the institute, including graduate students and postdocs and will carry out own independent research. Experimental studies are complemented with sophisticated atomistic simulations and geochemical modelling.

We are looking for a highly motivated individual with a doctoral degree in Crystallography/Mineralogy or a closely related area and at least six years of experience in mineral surface and mineral structure characterization. Teaching experience in Crystallography/Mineralogy at the BSc (in German) and MSc (in English) levels is an advantage. University offers very attractive employment conditions, infrastructure social security and number of other fringe benefits.

Applications must be received by March 15th, 2018. 
Barbara Grose (Institute Office), Institut für Geologie, Universität Bern Baltzerstrasse 1+3, CH-3012 Bern, Switzerland. (grose@geo.unibe.ch)

The complete application should include a letter of interest, CV, a statement of research interests and the contact information for three references with knowledge of your work, who are willing to write letters of recommendation.

For further information please contact Prof. Sergey Churakov, phone ++41 31 631 8710 /++41 56 310 4113, e-mail: sergey.churakov@geo.unibe.ch