

Post-doc position in crustal geophysics

The Institute of Earth Sciences at the University of Lausanne invites applications for a 2-year post-doc position on crustal geophysical investigations, with earliest start on December 1st, 2019.



The research will focus on the Himalayan orogen, primarily on the distribution and evolution of earthquakes in the crust. Beyond obtaining an accurate picture of seismicity, physico-chemical models will be tested for plausible explanations. In addition, participation in establishing a crustal reference model based on seismological data is encouraged. The research is part of project OROG3NY (<http://www.unil.ch/orog3ny/>). Cooperation with experts in geophysics, petrology and modelling, nationally and internationally (USA, France) is planned.

Applicants should have a Ph.D. degree in Earth sciences, and be autonomous in handling seismic data. Experience in earthquake (re-)location, as well as interest in seismotectonics and metamorphism, including using or developing numerical models simulating the relevant processes, are essential. The knowledge of receiver functions is an advantage. Good knowledge of English and at least one common programming language is required. The successful applicant will possess strong written and oral communication skills, be expected to present results at national and international conferences and to publish in peer-reviewed international journals.

The University of Lausanne hosts several experts covering a large domain of Earth Sciences, and offers excellent research conditions. The campus and the city are located on the shore of the largest lake in Western Europe, the region provides comfortable living. The knowledge of French is not a requirement for work but is an advantage for everyday life.

Applications [CV with aforementioned language skill details; a max. 0.5-page motivation letter; copy of M.Sc. diploma; contact details of at least two referees] are to be sent via e-mail only in a single PDF file to Prof. György Hetényi (gyorgy.hetenyi@unil.ch). Seeking to promote an equitable representation of men and women among its staff, the University encourages applications from women. The evaluation of applications will start September 23rd and will continue until the position is filled. We regret that only shortlisted applicants will be informed.