

Two PhD Positions in Hydrogeophysics

The Applied and Environmental Geophysics Group at the University of Lausanne has openings for two doctoral students working on (A) sub-resolution effects on upscaled hydrological and geophysical properties and (B) the use of geophysics for model selection of competing conceptual subsurface models. Both students will work within the framework of approximate Bayesian computation. The positions are funded for three years (an extension of one year is likely) and the starting date is January 1, 2015, or a later date to be decided upon. The successful candidate should hold a MSc degree in geophysics, hydrology, mathematics, physics, or engineering. He/she should have a keen interest and preferably some experience in Bayesian statistics, scientific computing, geophysical and/or hydrological data processing, forward modeling and inversion. We are a dynamic international research group working on a wide variety of topics in environmental and computational geophysics. Basic knowledge of French is an advantage, but not a requirement. Our research center is well equipped, evolving dynamically, and scenically located on the shores of Lake Geneva, a region of outstanding beauty that offers a vibrant cosmopolitan atmosphere and a very high quality of life.

To apply, please send a cover letter clarifying your overall motivation for entering a PhD program together with your curriculum vitae and the names, telephone numbers, and e-mail addresses of two referees to Prof. Niklas Linde, Institute of Earth Sciences, Géopolis 3779, University of Lausanne, 1015 Lausanne, Switzerland or by e-mail to niklas.linde@unil.ch. The application deadline is October 31, 2014.