Associate Professor in Tectonophysics of Orogenic Processes

Introduction
The University of Lausanne is a research and higher education institution composed of seven faculties, here approximately 15,000 students and nearly 5,000 professors, researchers and staff work and study. Ideally situated along the lake of Geneva, near Lausanne city center, its campus brings together over 120 nationalities.

Presentation
The Faculty of Geosciences and the Environment (FGSE) of the University of Lausanne invites applications for a professorship in Tectonophysics of Orogenic Processes, to be based in the Institute of Earth Sciences (ISTE). We are looking for an excellent candidate interested in the tectonophysics of mountain building processes to strengthen and complement the research foci of the FGSE on orogenic processes and geocomputing. The ideal candidate will use various geophysical methods such as seismology, gravimetry, and/or remote sensing to investigate mountain belts, preferentially focusing on the Alps and the Himalayas. We are particularly interested in candidates who integrate field observations and computational models. Areas of interests will cover the role of tectonic activity on lithospheric deformation processes, including the interactions between sub-surface and surface processes, such as those that affect human environments.

Information
Appointment will be at the Associate Professor level. However, exceptionally, we will consider outstanding candidates for direct appointment to the Full Professor level, notably if this corresponds with our equal opportunity objectives.
Starting date: 1st of February, 2020 (or to be agreed upon)
Contract length: six years, renewable
Activity rate: 100 %
Workplace: University of Lausanne, Géopolis building

Your responsibilities
The successful candidate will actively shape and participate in the research and administrative activities of the Institute of Earth Sciences, will teach in the Bachelor of Geosciences and Environment programme and in relevant Masters taught by the FGSE, and will supervise masters and doctoral students.

Your qualifications
Candidates must have proven abilities in undertaking high quality research, obtaining competitive research funding, and publishing in peer-reviewed international research journals. Experience in teaching and supervising master and doctoral theses is required.
A good command of both French and English is desirable. If French is not the native language, teaching ability in French must be acquired within two years of the appointment.

What the position offers you
The Faculty of Geosciences and Environment (FGSE) of the University of Lausanne was created in 2003 and offers state-of-the-art facilities (e.g., XRD, RockEval, Carlo Erba, SEM, mercury and phosphorus analysis, stable isotopes, compound specific-light isotopes, clumped isotopes, XRF, SIMS and NanoSIMS, Luminescence, LA-ICPMS, Electron Microprobe, ICP-OES, GPU and CPU-based super computing facilities, remote sensing equipment, X-Ray tomography), incentives for projects, and excellent working conditions. It consists of three research institutes...
(Earth Sciences, Geography and Sustainability, and Earth Surface Dynamics) and a School that manages teaching and training across these research domains. The FGSE specifically promotes interdisciplinary research and teaching, within and between the social and natural sciences.

**Contact for further information**
Other useful information is available on the websites of the Faculty (www.unil.ch/gse) and the Institute of Earth Sciences (www.unil.ch/iste).
For further information, contact the Chair of the selection committee for this position: Frédéric Herman, Dean of the FGSE (frederic.herman@unil.ch).

**Your application**
Application deadline: 22nd of August, 2019   (23:59, swiss time GMT+1)


and should include:
- a cover letter explaining the reasons for applying (max. 0.5 page)
- a full Curriculum Vitae, including previous employment and university training, the date and title of the doctoral thesis, publications, conference presentations / invited lectures, classes taught, and student research supervised
- a research statement, describing the research the candidate intends to develop (max. 4 pages)
- a teaching statement, describing the candidate’s teaching approach, and his or her potential contribution to our teaching programs (max. 2 pages)
- PDFs of the three most significant publications
- the names and contact information of five referees

**Additional information**
The University of Lausanne seeks to promote an equitable representation of men and women among its staff and strongly encourages applications from women. The FGSE’s strategy regarding equal opportunity, specifically with respect to the recruitment of professors, is described in point 2.2 of the FGSE’s Plan of action in favor of the equality of chances between women and men 2017-2020. Candidates are expressly invited to consult this document at the following website: [https://www.unil.ch/gse/fr/home/menuinst/faculte/commissions/egalite.html](https://www.unil.ch/gse/fr/home/menuinst/faculte/commissions/egalite.html)