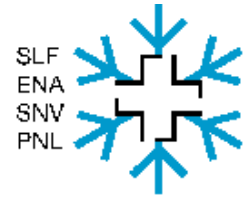


PostDoc / Project Manager Cold Wind Tunnel with Snow



13. June 2006

Company	SLF
Workplace	Davos
Description	<p>The Swiss Federal Institute for Snow and Avalanche Research SLF is part of the Swiss Research Institute for Forest, Snow and Landscape WSL and belongs to the ETH domain. 400 employees, 100 of them in Davos, are working for a landscape offering better life quality and to protect people against natural hazards. For our cold wind tunnel research activities in the new research unit #snow and permafrost#, we have an opening for a PostDoc or Scientist.</p> <p>You investigate the turbulent exchange of mass and energy over snow with a special emphasis on two-phase flow phenomena created by drifting and blowing snow. You also work on new sensor technology, model formulations and you supervise students. Furthermore, you develop innovative research projects, search for third-party funding and publish your results in international journals. Your results are applied to improve warning from natural hazards, climate change assessment and weather forecasting.</p>
Education	University degree (Fluidynamics, Physics, Meteorology), Ph.D. and first significant publications. Experience in experimental work, sensor technology and programming skills (MatLab, LabView). In addition, fluency in English and German and willingness to work in harsh conditions in our cold wind tunnel.
Entrance upon	Immediately
Duration of appointment	Initially for one year, subject to extension, tenure track possible
Remarks	<p>Depending on your level of expertise, the position is filled at the PostDoc or Scientist level.</p> <p>Please direct your complete and written application with the reference number 441 to Monika Huber, Personalabteilung WSL, Zürcherstrasse 111, 8903 Birmensdorf. For further information please contact Dr. Michael Lehning, Tel. +41-(0)81 417 01 58.</p>
Is Jobsharing possible?	no
Only for persons notified workless in Switzerland?	no
Contact address	Eidg. Institut für Schnee- und Lawinenforschung Flüelastr. 11 CH - 7260 Davos Dorf
Email	see_remarks_above
Link to the company	http://www.slf.ch

Keywords

Wind Tunnel, Two Phase Flow, Snow Transport