

POSTDOC POSITION IN GEOLOGICAL FLUID DYNAMICS
(Department of Mineralogy, University of Geneva, Switzerland)

The Department of Mineralogy of the University of Geneva invites applications for a Postdoctoral position in geological fluid dynamics. The initial appointment will be for two years with a possible extension to three additional years. We also anticipate offering a permanent position in the next two years.

Applicants must have a PhD in Earth Sciences or a related field at the time of appointment, as well as a significant record and/or promise of interdisciplinary research productivity. Suitable research backgrounds may include any combination of fluid dynamics, volcanology, experimental sedimentology, physics and experimental engineering. Evidence of strong mathematical/numerical skills is essential. Experience in the use of PIV systems and rheology studies are recommended.

The principal responsibility of the successful candidate will be to set up a new fluid dynamics lab for the study of volcanic processes with a particular focus on plume dynamics and sedimentation of volcanic particles. The successful candidate will be responsible for the day-to-day support and running of the lab and will also be involved in the supervision of MSc and PhD research projects. As a result, he/she will play a fundamental role within the new research group of C. Bonadonna. Opportunities exist to collaborate with J. Phillips (University of Bristol, UK) on research projects.

Applicants should supply (a) a curriculum vitae, including a list of publications, (b) a statement of past achievement and future research interests and goals and (c) postage addresses, phone numbers, and email addresses of at least three references to:

Costanza Bonadonna, Section des Sciences de la Terre, Université de Genève
13, rue des Maraîchers, CH-1205 Genève
Email : Costanza.Bonadonna@terre.unige.ch

To receive full consideration, all materials must be received by 30 September 2007. Intended starting date is 1 March 2008 or earlier by arrangement.