



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Institute for Mineralogy and Petrology

PhD studentship (3 years)

Fluid-mineral-melt interactions in subduction zones

The institute for Mineralogy and Petrology (IMP) at ETH Zurich invites applications for a PhD studentship in experimental geochemistry/mineralogy to be filled as soon as possible.

The thesis concerns the experimental study of fluid-mineral-melt interactions at pressure and temperature conditions relevant for subduction zones. Synchrotron-based spectroscopic techniques combined with diamond anvil cells will be used in the study. Experience with these techniques is not required but will be well considered.

A Master's degree or an equivalent degree in the areas of geology, chemistry or physics is required at the time of appointment. In addition to carrying out his/her own research, the successful applicant will be encouraged to teach a limited amount of practical classes at undergraduate level and to participate on field excursions. Please contact Carmen Sanchez-Valle for additional information.

Candidates should send, in a single pdf file, a copy of your CV, a motivation letter, and the names and contact details, including e-mail address, of two potential referees to Carmen Sanchez-Valle (carmen.sanchez@erdw.ethz.ch).