



Annnonce de recrutement à l'IPGP UMR 7154 – UMS 3454



Postdoc position in metamorphic and fluid isotope geochemistry

The Université de Paris and the Institut de Physique du Globe de Paris (IPGP; <http://www.ipgp.fr/en>) is seeking applicants for a Postdoctoral position in metamorphic and fluid isotope geochemistry. This position is part of a collaborative project (MYSTHIC) between F. Girault (Physics of Natural Sites, IPGP), C. Pisapia and B. Debret (Geomicrobiology, IPGP), funded by the UnivEarthS Labex (<http://www.univearths.fr/fr/accueil-2/>). The MYSTHIC project aims at evaluating the storage and mobility of carbon from the Himalaya deep root to its surface. It will quantify the nature and forms of deep carbon and its impact on endoterrestrial biological activity and carbon emissions, linking current processes to unconstrained (bio)geochemical cycles through geological times.

The postdoctoral research will focus on the use of traditional ($\delta^{13}\text{C}$) and non-traditional ($\delta^{66}\text{Zn}$, $\delta^{65}\text{Cu}$ and $\delta^{56}\text{Fe}$) isotopes to track the nature and speciation of carbon in metamorphic fluids. The targets are metamorphic rocks and fluids sampled at the Himalayan suture zone (Ladakh and Nepal). Some additional field work in Nepal is in consideration for 2021. The recruited person will demonstrate a strong experience in high-precision analyses applied to high temperature geochemistry and a good understanding of metamorphic processes. Candidates must hold a PhD in Earth Sciences or a related research field, and be fully independent in the operation of mass spectrometers (MC-ICP-MS); he/she should also have demonstrated experience in clean room laboratory work. Capacity for interdisciplinary and international teamwork and excellent communication skills will be taken into account.

This is a 2 years (1 year + 1 year to be renewed), full-time position with a starting date in July 2020. The salary level will be in accordance with the CNRS French pay grade system (around 2750 Euros without taxes) and will depend on previous work experience.

The Institut de Physique du Globe de Paris houses state-of-the-art facilities for geochemical studies (newly acquired ICPMS-QQQ and TIMS, as well as superb existing facilities comprising two MC-ICPMS, one SF-ICPMS, one Q-ICPMS, a laser ablation and several clean laboratories; see <http://www.ipgp.fr/en/pari-platform>).

To apply, please send a CV (including a publication list) and a cover letter (including two referees) detailing how you fit the required qualifications to Baptiste Debret (debret@ipgp.fr) and Frédéric Girault (girault@ipgp.fr). The application will close the 27th of March 2020. Interviews are expected in April/May. Final decision will be in June.