



Post-doc position:

Kinetics of processes in terrestrial & extra-terrestrial igneous rocks

The project is focused on the kinetics of igneous processes in terrestrial and extra-terrestrial samples. By using diffusion chronometry the young researcher will tackle the kinetics of mush aggregation and disaggregation in continental rift settings (e.g., East-African Rift), and the kinetics of planetary body accretion by using specific chondrite samples. Other working sites will be welcomed. The project will partly rely on the access to two SIMS facilities at CRPG (CRPG SIMS are equipped with RF-source that allow small spot-size analysis, down to 2 μm), and will use, among others elements, Li as a tracer (element and stable isotope profiles) to quantify kinetics. We are looking for candidates with a record in diffusion chronometry. The funding is for 18 months (with possible extension) and will start as soon the position is filled.

Host institution: CRPG (Centre de Recherches Pétrographiques et Géochimiques);

CNRS - Université de Lorraine (<http://www.cprg.cnrs-nancy.fr/index.php>)

contact: lyderic.france@univ-lorraine.fr; yves.marrocchi@univ-lorraine.fr



LABORATORY OF EXCELLENCE RESSOURCES21
"STRATEGIC METALS IN THE 21st CENTURY"

