



## JOB OFFER

**The PPP/Palaeobiogeology Group, at the Department of Geology of the University of Liège searches for collaborators (PhDs and Postdocs) for its activities in the frame of the Interuniversity Attraction Pole « PLANET TOPERS »**

**(Planets: Tracing the Transfer, Origin, Preservation, and Evolution of their ReservoirS)**

Thanks to major funding from the Belgian Science Policy for the period 2012-2017, scientific positions at the PhD and Postdoctoral levels are available, starting in October 2012 to work on habitability of planets and moons of our solar system.

The positions are offered in the frame of an Interuniversity Attraction Pole « PLANET TOPERS ». <http://iuap-planet-topers.oma.be> provides a description of this research initiative and the partners.

The PhD contracts will be for two years renewable up to 4 years, the postdoctoral positions will be one or two years and may be extended up to 5 years.

Starting dates are flexible. A first round is expected in October 2012, at the initiation of the project. However, applications will remain open during the five year course of Planet Toppers or until all positions are filled.

**The PPP/Palaeobiogeology Group** in particular is looking for a PhD student to work on: the identification and preservation of traces of life in early Earth and analog extreme environments, focusing on microbial (cyanobacteria) mats signatures and preservation in recent Antarctic sediments and in Precambrian rocks. The objective of the work is to characterize unambiguous signatures of cyanobacteria, trace their evolution, the timing of ocean and atmosphere oxygenation, and the consequences for the bio-geo-evolution of Earth.

Enthusiastic and motivated scientists are encouraged to apply even if they are not available on October 1<sup>st</sup>, 2012. The competitive salary makes it possible to live comfortably in Liège and includes benefits.



### WE ARE LOOKING FOR

The ideal candidate has an Academic master degree in Science, and combines many of the following characteristics:

- Scientific curiosity
- Strong interest in space research and in early life evolution
- Quick learner
- Creative and pragmatic problem-solving approach
- Knowledge of biology, mineralogy, (geo)chemistry, analytical techniques (spectroscopy, Microscopy) is a plus
- Capability to work in English.

### HOW TO APPLY

Send your CV with a cover letter and the names of two or three references (all in PDF format) by August 1<sup>st</sup>, 2012 to **Emmanuelle Javaux** ([ej.javaux@ulg.ac.be](mailto:ej.javaux@ulg.ac.be)) with copy to [v.dehant@oma.be](mailto:v.dehant@oma.be), Head of Operational Direction 'Reference Systems and Planetology' at ROB.

Assessment of applications will start in early August 2012. Commencement of employment is on October 1<sup>st</sup>, 2012 or later.