

**Fully funded post-doctoral position in experimental  
petrology/geochemistry at the Earth Sciences department of the  
Università degli Studi di Milano, Italy**

**Position.** We are seeking candidates for a post-doctoral researcher position that we will soon advertise to investigate volatilisation of planetary materials. The focus of the research activities is on experiments to volatilise silicate liquids representing molten planetary mantles to investigate vapour-liquid equilibration processes and chemical properties of vapour and liquid. The experiments will be performed in a new high-temperature furnace for experiments up to 3000°C, which has recently been installed. Analysis of experimental samples by SEM/EPMA will have to be performed as well as isotopic analysis. There is some flexibility for the candidate to focus their attention on some of the described activities, while performing others in collaboration.

The position is part of a project that seeks to quantify the role of vapour loss on the properties of planetary bodies during their formation and is funded by European Research Council Starting Grant *Vaploss*. As such, the candidate will work in a team that further consists of two post-doctoral researchers and the principal investigator (Dr. Remco Hin), while the work for the currently advertised position will take place in close collaboration with Prof. Stefano Poli and Prof. Massimo Tiepolo.

Funds for the position will run out in June 2027. The gross salary will be 24500 euro/year, which is exempt from income tax.

**Working environment.** The Department of Earth Sciences, Università degli Studi di Milano, is one of Italy's five Centres of Excellence in Earth Sciences and it is very well equipped for experimental petrology and geochemistry-based research into Earth and planetary sciences. This environment provides the candidate with ample opportunity to develop their academic skills and develop collaborative research, which will be encouraged.

In addition to its existing experimental and analytical equipment, state-of-the-art cleanrooms for trace metal isotope geochemistry will be available soon.

**Further information**

Candidates interested in applying, are requested to please contact Dr. Remco Hin ([remco.hin@cnr.it](mailto:remco.hin@cnr.it)) for further information.