



UNIVERSITÀ DEGLI STUDI
DI PERUGIA

AVVISO DI SEMINARIO

nell' ambito del ciclo: *"La Ricerca nel Dipartimento
presentata dai Giovani Ricercatori"* – A.A. 2014/2015.

Mercoledì 25 Febbraio 2015 - ore 15:00
Aula " A " - 1° piano edificio di Via A. Pascoli snc

Dr. Francesco Vetere

Dipart. Fisica e Geologia, Univ. degli Studi di Perugia
http://pvrg.unipg.it/dt_teachers/francesco-vetere/

"Experimental Petrology as a tool to study and understand magmatic processes"

Abstract:

Since the Earth's interior is not directly accessible, we have to assume compositions and structures by indirect means. In this concern, experimental petro-volcanology is a field of research that helps scientists to determine physical and chemical behaviors of rocks/magma and their constituents under high pressure and high temperature. Scientists use available experimental dataset (e.g. viscosity, diffusivity, solubility, phase equilibria, at various P-T-fO₂ conditions) to interpret geodynamic processes. This lead to a better understands of eruptive dynamics and their environmental consequences and last but not least, provide indications to reconstruct the conditions at which magmas were formed.

Tutti quanti gli interessati sono cordialmente invitati a partecipare.

Il Coordinatore del Ciclo di Seminari
Prof. Lucio Cerrito

N.B.: per aggiornamenti sulla serie, vedi: Tutti i Seminari del Dipartimento
www.fisgeo.unipg.it/joo3x/index.php/it/ricerca/seminari-list-menu ,
ovvero: www.fisgeo.unipg.it/ricerca - Ricerca > Seminari e Lecture