



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 11 Febbraio 2015 - ore 15:00
aula "A" - I° piano edificio di Via Pascoli

Dr. Marco Madami

Dipart. Fisica e Geologia, Univ. di Perugia

"Spintronics and Nanomagnetic logic"

Abstract:

Since the discovery of the giant magneto-resistance effect (GMR), by A. Fert and P. Grunberg in 1988, the idea to realize devices which exploit the electron spin, in addition to its charge, has rapidly spread originating an entire new research field, Spintronics. Nowadays spintronics is one of the most promising and active research field in condensed matter physics. During this seminar i will present the research activities of the GHOST group, which operates in this Department, in the field of spintronics. Special attention will be devoted to the results obtained in the last two years, within the European LANDAUER project, from the study of nanomagnetic logic (NML) devices such as isolated and interacting nanomagnetic switches.

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 > Seminari e Lectures .