



Announcement of a PostDoc Position

Experimental Soft Condensed Matter

A Postdoctoral position is offered to a motivated candidate with suitable background in the field of soft condensed matter physics at the Faculty of Physics, University of Barcelona, Spain (PI: Dr. Pietro Tierno. Web: <http://www.ecm.ub.es/~ptierno/>). The position will be associated with a recently funded project from the European Research Council. The Project's goal is to power a series of experimental research lines based on the combined use of magnetic and optical forces and targeting geometrically frustrated systems.

The candidate will be involved in a series of growing/running experimental systems. In particular, she/he will work on one (or more) tasks with preexisting experimental setups:

- Use of optical fields to manipulate microscale matter
- Transport of magnetic colloids above ferromagnetic thin films (Garnet Films)
- Realization of novel anisotropic particles with tailored magnetic properties to investigate their collective behavior under time-dependent magnetic fields

Starting Date : open until the position will be filled

Eligibility : candidates must hold a PhD degree in Physics, Chemistry or Engineering. Previous experience in colloidal systems or optical tweezers is valuable but not compulsory.

Duration : minimum 1, extendible up to 3 years depending on performance.

Salary : the salary will be in line with those paid at Catalan universities at a post-doctoral level. Funding will be also available to cover participation to conferences/workshops.

How to apply: the candidate will send via e-mail her/his Curriculum Vitae with a list of Publications, and a minimum of two letters of recommendations to: ptierno@ub.edu

Candidates that match the required profile will be continuously interviewed until the position is filled.