



PhD position

Atomic Manipulation and Spectroscopy Group

Institut Català de Nanotecnologia

Centre d'Investigacions en Nanociència i Nanotecnologia

Barcelona, Spain

Applications are invited for a PhD position in experimental physics to work on the fabrication and characterization of spin torque devices based on ferromagnetic metal/oxide heterostructures. Candidates shall possess good command of oral and written English. Female applicants are particularly encouraged to apply. Experience in one of the following fields, clean room nanofabrication, magnetism, and electric transport measurements, is considered an advantage but not a strict requirement. The position, funded by a European Research Council Grant, is part of a collaboration with CEA-SPINTEC in Grenoble, France, where the successful candidate is expected to spend research periods of up to a few months per year. The candidate will take part in the PhD program of the Universitat Autònoma de Barcelona. The position is available immediately (May 2010) until filled. Interested applicants may request further information or send their cv and a brief statement of interests including the contact details of at least one referee to Prof. Pietro Gambardella at the email address given below. Please note that only shortlisted candidates will be contacted.

The Centre d'Investigacions en Nanociència i Nanotecnologia is located within the campus of the Universitat Autònoma de Barcelona, 25 minutes by metro north from the city of Barcelona. Further information about the group and university campus can be found at <http://www.cin2.es/ams> and <http://www.uab.es>.

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