



UNIVERSIDAD DE OVIEDO



**ERASMUS TRAINING SCHOLARSHIPS COURSE 2009-2010
UNIVERSITY OF OVIEDO:
COMPROMISO ASTURIAS XXI'S PROGRAM**

TRAINING PROGRAM OFFER'S FORM

Trade name	NPL Management Limited
Taxpayer Identification Number (TIN)	GB207523388
Training program Location	Teddington, UK
Registered Address of the training programme location	Hampton Road Teddington Middlesex TW11 0LW
Name of training position	Summer Placement/SCS
Bachelor's Degree(s) aimed at	Engineering/Physics
Earliest date to begin the training program	TBC
Latest date to begin the training program	1 st July
Length of the offered training program (in weeks)	Min. 12 weeks to Max. TBC weeks
Activities to be performed by the trainee and chronological order of such activities (this information is required in order to enable the home university to assess the relevant credits to be granted to the student for the experience)	The following are likely to be the activities though they might not be restricted to them: Activ 1: Operating an atomic force Microscope Activ 2: Operating an atomic force Microscope in Electrical modes Activ 3: Operating an atomic force Microscope in Thermal modes Activ 4: Report writing on findings. Activ 5: Working with Oscilloscopes and Lockin amplifiers.
Skills to be acquired by the student	Knowledge on operating nanotechnology equipment as well as transport in materials in the nanoscale.
Required Languages	English



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Any other requirements	A background on physics, instrumentation, electronic devices or similar.
Other skills the host company considers desirable but not required	The placement will likely involve electrical and/or thermal transport measurement in materials. Software knowledge on Labview, LaTeX, Matlab or similars will be an extra plus.
Principal or supervisor in the host company	Dr. Alexandre Cuenat
Principal or supervisor's email	
Economic aid or any other company benefit to be offered to the student by the host company (if any)	None

The student might be subject to a telephone interview before being assigned the position. No special requirements as to when they start and for long they stay as long as they stay for at least 3 months. They will work within the nanomaterials group so they will probably learn how to work with an atomic force microscope.