



UNIVERSIDAD DE OVIEDO



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

**TRAINING PROGRAM OFFER'S FORM**

Trade name	Deutsche Telekom AG Laboratories
Taxpayer Identification Number (TIN)	N/A
Training program Location	TU-Berlin, Berlin
Registered Address of the training programme location	Deutsche Telekom AG Laboratories Ernst-Reuter-Platz 7 D-10587 Berlin  Deutschland
Name of training position	Mobile ad-hoc Social Network Developer
Bachelor's Degree(s) aimed at	Computer Science (Ingenieria Superior) Telecommunication Engineering (Ingenieria Superior)
Earliest date to begin the training program	1 <sup>st</sup> May 2010
Latest date to begin the training program	1 <sup>st</sup> July 2010
Length of the offered training program (in weeks)	Min. 12 weeks to Max. 16 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)	<p>Activ 1: The student will be part of a Research Project that aims to provide Social Network Services for users using human mobility. The project is the result of joint efforts between Deutsche Telekom Laboratories and the University of Cambridge.</p> <p>Activ 2: The user will port and improve the existing application for J2ME into the Android Platform, (4 weeks) using WiFi as the main communication channel (2 weeks), being very careful about the energy consumption. Design and develop a UI (2 weeks).</p>



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	<p>Activ 3: Testing the application. (1 week)</p> <p>Activ 4: Writing a report about the performance of the system, limitations and possible improvements. (1-2 weeks)</p>
Skills to be acquired by the student	<p>Experience working on an world leading research laboratory in a multicultural environment.</p> <p>Knowledge about hot research topics.</p> <p>Knowledge about social network services, distributed systems and mobile networking.</p> <p>Ad-hoc communications.</p> <p>Possibility to combine it with the final year project.</p>
Required Languages	English
Any other requirements	Good Object Oriented programming skills (Java, C#)
Other skills the host company considers desirable but not required	<p>Previous experience on mobile developing (specially J2ME)</p> <p>Good knowledge of Eclipse and on-device debugging.</p> <p>Good communication, presentation and team working skills.</p> <p>Willing to learn new technologies.</p>
Principal or supervisor in the host company	Dr. Pan Hui Narseo Vallina-Rodriguez
Economic aid or any other company benefit to be offered to the student by the host company (if any)	Flight and accommodation