



Research Assistant positions

University of Minho

Ref: pd-net-2010-1-2

Applications are invited for two **Full-Time Research Assistant** positions at University of Minho to work in the project pd-net "**Towards Future Pervasive Display Networks**", funded under the FP7 FET-Open scheme (Grant agreement no: 24401). FET-Open projects are highly competitive, aiming to produce top-quality research that challenges current thinking and explores promising visionary ideas of long term importance for Europe.

The objective of pd-net is to enable the emergence of large scale networks of pervasive public displays and associated sensors that are open to applications and content from many sources. The project will provide the foundations for a brand new global communications medium for information access and interaction. The emergence of these pervasive display networks will represent a radical transformation in the way we think about information dissemination in public spaces (see also <http://ubicomp.algoritmi.uminho.pt/pd-net/>).

The successful candidates will work as part of an international and multidisciplinary team to conduct the fundamental research needed to design and implement the system and application architectures that will provide a globally scalable pervasive display network. Research issues include scalability, identity management, ownership, moderation, optimal content placement, rights protection, interaction and security and authorisation. The systems created will be publicly deployed and evaluated in real settings through our Living Lab on Situated Displays.

The ideal candidate will have a good MSc in Computer Science, or related degree, is proficient in at least one programming language, is able to fluently speak and write in English, and is a dynamic and highly motivated individual (m/f) with a strong willingness for independent thinking, self-learning and team-work. We welcome applicants with experience in design and development for online or mobile platforms, and an interest in pervasive and ubiquitous computing. This position is ideal for candidates who are planning to undertake PhD studies and it is expected that the candidate is in a position to apply for Ph.D.

The posts are for two years maximum and are expected to start on 1st September 2010 (or as soon as possible thereafter) by arrangement with the successful candidates. The award includes a stipend of 11760 Euros per annum (tax exempt), health insurance, research-related travel expenses, and research equipment.

Applications

Application deadline is July 16th, 2010, but applicants are encouraged to submit their application sooner as we will be making individual interviews with pre-selected candidates. Applicants should submit their CV, a cover letter summarising the reasons why they are applying, and contact details for two referees. Applications should be submitted electronically to rui@dsi.uminho.pt with a subject line containing "Application for research assistant position @ pd-net".