
EXPERIENCED RESEARCHER IN CLOUD COMPUTING

ABOUT GRADIANT

The Galician Research and Development Center in Advanced Telecommunications (Gradiant) is a private R&D center based in Vigo, Spain with the mission of improving the competitiveness of the industry through Information and Communication Technology transfer. At present time, Gradiant is interested in filling the following Experienced Researcher Position within the framework of the project LIFTGATE (FP7 contract no. 285901).

SPECIFICATIONS

Location	Galician Research and Development Center in Advanced Telecommunications (Gradiant), Vigo, Spain
Technical Field	ICT, Cloud Computing
Hours	40 hours per week – Flexible
Experience	PhD with at least 3 years of postdoctoral research experience
Reference number	OF0311
Closing date	06/10/2011

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TOPIC DESCRIPTION

We are looking for an expert in cutting-edge aspects of cloud computing, addressing at least one of the following:

- Barriers for its adoption as a computing paradigm for enterprise applications, with special focus on privacy and security issues, complementing Gradiant's current skills in private and hybrid cloud architectures and secure data processing.
- Remote virtualization of rich applications for low-cost user terminals, in order to complement Gradiant's current skills in cloud multimedia.

MAIN TASKS AND RESPONSIBILITIES

The tasks to be developed by the recruited researcher are among the following:

- Design of schemas for secure remote processing in public clouds, considering trusted and non-trusted remote facilities.
- Design of virtualization architectures to deliver rich user applications running in the cloud to low-cost terminals.
- Design of tools and processing algorithms for multimedia applications in the cloud.

- Research in cloud standardization technologies, with focus on federated clouds, at IaaS and PaaS levels.
- Testing of GPU-based architectures for massive data processing in the cloud.

QUALIFICATIONS AND EXPERIENCE

Applicants for this position must have:

- A PhD degree in telecommunications, electrical engineering or similar
- 3 years of post-doctoral research experience in R&D institutions and/or R&D departments of engineering companies
- Capacity of leading and carrying out innovative research
- Strong publication record
- Involvement in international research projects (with emphasis in projects funded by the European Commission), including proposal preparation, and project/work package/task coordination
- Leadership and management skills, including team management
- Large contact network among the private sector and R&D and innovation agents

CONDITIONS AND CONTRACT TYPE

Labor contract with Gradiant.
Duration: 36 months.
40 hours/week. Flexible working.
Salary range: 32.000 – 38.000 €.
Private health insurance.

CONTACT AND APPLICATIONS

Applicants please send an email including a cover letter detailing your suitability for the position in question, detailed CV and list of publications. Reference letters and/or addresses of referees supporting the application are optional.

Informal enquiries and applications should include the reference number, and be sent to: rrhh@gradiant.org