

EXPERIENCED RESEARCHER IN DATA MINING AND KNOWLEDGE DISCOVERY

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, Data Mining, Knowledge Discovery
Hours	40 hours per week – Flexible
Experience	PhD with at least 3 years of research experience
Reference number	OF0411
Closing date	06/10/2011

TOPIC DESCRIPTION

We are looking for an expert in data mining, data fusion and knowledge discovery, with a strong background in statistics and/or signal processing. This researcher will complement Gradiant's current skills in multimodal signal processing and data analysis applied to:

- Human-Computer Interfaces (HCI),
- Distributed databases/business intelligence,
- Signal detection from distributed sensors for cognitive radio
- Online and social media

The recruited expert will contribute to the joint development of practical applications in at least one of the following fields:

- Prediction of market trends
- Prediction of energy demand in smart grids and complex facilities such as datacenters
- Marketing and sentiment analysis based on online and social media
- Root Cause Analysis to determine problem causes in complex systems, such as telecommunications services or networks
- Analysis and prediction of network traffic performance
- Privacy-preserving data mining

The research tasks to be accomplished by the recruited researcher will generate new projects in Gradiant and complement other currently active projects.

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 OF0211, and be sent to:

rrhh@gradiant.org