

SENIOR RESEARCHER IN AFFECTIVE COMPUTING

(RF:0505 SRAC)

Professional Profile.

The Galician Research and Development Center in Advanced Telecommunications (Gradiant: www.gradiant.org) 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. Currently, Gradiant is interested in filling the following Experienced Researcher Position

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- ✓ A PhD degree in telecommunications, electrical engineering or similar
- ✓ Around 1-3 years of post-doctoral research experience in R&D institutions and/or R&D departments of engineering companies
- ✓ Skill 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

We are looking for a very creative and motivated experienced researcher on Affective Computing-related topics. The applicant must have strong background in pattern recognition, machine learning, speech processing and computer vision. Background on cognitive and social sciences applied to automatic affect analysis and social signal processing is desired, though not required.

The applicant will complement and extend Gradiant's current knowledge on facial expression recognition, Human-Computer Interfaces, and multimodal analysis of human behavior. The recruited expert will be in charge of leading Gradiant's R&D activities related to "Affective Computing", as well as proposing new ideas mainly related (but not limited) to this research field. The topics in which the recruited expert will work are among the following:

- ✓ Recognition of affective states from face and body gestures in spontaneous behavior.
- ✓ Classification between genuine and posed emotions.
- ✓ Speech analysis for emotion recognition.
- ✓ Affective state recognition from physiological measures.
- ✓ Methods for multi-modal recognition of affective states.
- ✓ Recognition of group emotions and interactions.
- ✓ Computational models of human emotion processes (e.g., decision-making models that take into account the influence of emotions)
- ✓ Affective computing related applications, including: e-learning (e.g. affective tutoring systems), e-health (e.g. (fake) pain detection), affect-based interactive media (e.g. videogames and cartoons), automatic analysis of human interactions (e.g. call centers), neuromarketing, etc.

We offer:

- ✓ Labor contract with Gradiant.
- ✓ 40 hours/week. Flexible working.
- ✓ Attractive salary range and Private health insurance.

Applicants please send an email including a cover letter detailing your suitability for the position in question, detailed CV and list of publications, and be sent to:

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www.vitaedigital.com