POST-DOC in eye-tracking and gaze interaction

The Computer Vision Centre CVC (www.cvc.uab.es) and Computer Science Department of Universitat Autònoma de Barcelona UAB (www.uab.es) are looking for a recent PhD in Computer Science for a 1/2 year post-doc in Eye-tracking and gaze interaction.

Description of the position, duties and benefits:

CONTRACT:	This is a 1 or 2-year post-doc position.
EMPLOYER:	Universitat Autònoma de Barcelona.
RESEARCH CENTRE:	Computer Vision Centre, Barcelona.
PROJECT:	The candidate will join a multidisciplinary research team of Computer Vision Centre to investigate novel paradigms of human computer interaction, particularly visual interaction with digital art works.
TEACHING:	6 hours/week in March/April/May 2016 for "Multimedia Systems", degree of Computer Science.
INCORPORATION DATE:	1st October 2015 (flexible -see below).
SALARY:	20.000Eu gross per year + 6.200Eu pension and social security + benefits (health insurance, travel expenses, free public transport in Barcelona 24/7/365, free sport centre/activities 24/7/365, free support for installation and free introductory Spanish lessons- see below).

Contact person: Fernando Vilariño (fernando@cvc.uab.es)

TYPE OF CONTRACT:
This is a 1 or 2-year post-doc position. The natural extension of the contract to the 2nd year will be linked to the advances obtained in the research during year 1. Candidates interested in a just-1-year post-doc are also welcome. In no case the position will be extended longer than 2 years. UAB and CVC have the EU certificate for Human Resources Excellence in Research, and this contract adheres to the principles of quality of the European Charter for Researchers.

DATE OF INCORPORATION:
The candidate is expected to incorporate to the team on 1st October 2015, in a flexible framework. The candidate and the supervisor can arrive to an agreement in a different date for the incorporation, always within Q4 2015.

CANDIDATE'S PROFILE AND BACKGROUND:
This is a position for recent PhDs. The candidate must have received his/her PhD degree at MOST 2 years (24 months) before the date of incorporation to the position (example: candidates incorporating to the position on 15/10/2015 must have received their PhD degree with date posterior to 15/10/2013 -a candidate with a PhD degree obtained on 30/09/2013 will be excluded; a candidate with a PhD degree obtained on 30/10/2013 will be accepted-). This is a hard constraint appointed by the rules of UAB regarding post-doc contracts.

The candidates' PhD background is expected to be related to Human Computer Interaction, particularly in Eye-Tracker methods and techniques, and/or Computer Vision methods, and/or Machine Learning. The position is open not restricted to Computer Scientists, but open to Physicists, Mathematicians and researchers from different backgrounds converging in Computer Science.

The candidate is expected to be willing to participate in a multidisciplinary team comprised by Physicists, Computer Scientists and Multimedia Artists, in order to carry out solid research work with commitment for the projection of the obtained outcomes to society. The candidate is expected to be autonomous and proactive in research, with initiative to propose lines of work and the ability to implement them. Experience in programming languages such as Matlab, Python or C++, and the ability to create software (only at prototype level) will be very positively received. The capacity and predisposition to write scientific contributions to be submitted to impact Journals and Conferences is essential to warrantee the impact of the research achieved.

SALARY AND BENEFITS:
This position has an appointed salary which is complemented with monetary and in-kind benefits.

The gross salary will be 20.000Eu/year + 6.200Eu/year for pension trough the Spanish Pension fund and the Spanish social security. The candidate will be protected by a compulsory health insurance which warrantees attention in the whole Spanish Public Health service. This quantities and services are appointed by the rules of UAB regarding post-doc contracts.

To complement th contract conditions position, the candidate will enjoy the following in-kind benefits:

- Covered Travel expenses: The expenses to arrive to Barcelona (flight, train, bus or taxi) will be covered by the research team. The successful candidate will also enjoy a personalized assistant from a professional agency who will help the candidate to settle in and find a suitable lodging place, adapting the search to the particular preferences and providing hints and recommendations for starting a new life in Barcelona.

- Free public transportation in Barcelona 24/7/365: The candidate will enjoy a personalized travel card which will allow no-limit free trips by any public transport (train, metro and bus) in the whole metropolitan area of Barcelona 24/7/365, every day, no limit of trips per day.

- Free sport centre/activities 24/7/365: The candidate will enjoy a personalized access card which will allow no-limit attendance to the UAB Sport Centre, and which will also allow the participation in all the activities (monitorised sessions, courses, etc.) and the access to all the facilities (swimming pool, tennis, paddle and squash courts, climbing wall, etc.) every day of the year.

- Free Spanish lessons: The successful candidate will have the opportunity to enjoy a free course of Spanish language and culture with professional teachers in the context of the services of Modern Languages of the UAB.

TEACHING:
This position has appointed 6 hours/week of teaching during the second term, March/April/May. The lecturing will be on the subject "Multimedia Systems", 3rd year degree of Computer Science. The candidate will be reporting to the responsible of the Subject.

FURTHER INFO:
For any information regarding this position, do not hesitate to contact Fernando Vilariño at:

email: fernando@cvc.uab.es
www: http://vi.cvc.uab.es/fernando-vilarino

Fernando Luis Vilariño Freire, PhD
--------------------&---------------------------------------
Associate Professor
Computer Vision Centre / Comp. Science Dep.
Edifici O, Campus UAB, Barcelona.
+34935813841 | fernando@cvc.uab.es
--------------------&---------------------------------------