

Xerox Research Centre Europe (XRCE) and the **Computer Vision Center (CVC)** at the **Universitat Autònoma de Barcelona (UAB)** are seeking a candidate for **ONE** pre-doctoral research fellowship.

Fellowship profile: Computer Vision scientific project jointly developed by XRCE and CVC/UAB. The project aims at exploring the use of synthetic data to tackle object detection and image classification challenges building on the strong competencies of CVC and XRCE in those aspects. The PhD student will be incorporated into the official PhD degree of the CVC/UAB. The PhD student will be physically located at XRCE and will occasionally visit the CVC/UAB. Therefore, the student will have a PhD supervisor from the CVC/UAB and another from XRCE.

Candidate's requirements: university degree in computer science, telecommunications, mathematics or physics and graduated with good marks in his/her studies. Moreover, a master degree in either Computer Vision, Machine Learning or Applied Mathematics is also required. Selection will be done based on the candidate's qualifications. And other requirements:

- High motivation for research.
- Capability of working in an autonomous way.
- Good mathematical understanding.
- Good programming skills (C, C++, MatLab, Python).
- Good communication skills in English, both in written and oral form.
- Good background on machine learning or pattern recognition.

Fellowship duration: three years.

Beginning of the fellowship: within the period October 2013-January 2014.

Nature of the Fellowship: The enjoyment of the fellowship under this call is **incompatible** with any other fellowships or grants financed with public or private funds, or with the earning of other salaries which imply a contractual or statutory bind of the said fellowship recipient to another company.

Application: candidates should send an e-mail with the required information (see below) to <adas.phdgrants@cvc.uab.es> (subject: XRCE-ADAS_CVC-2013) before **September 10th, 2013**.

Send your Curriculum Vitae and Academic Record, Application letter (see last page) and letters of Reference (if available) including the following data:

- Name, surname and Identity Card Number or Passport Number.
- Address and telephone number.
- Copy of the University Degree and Certificate of marks during studies.
- Other merits duly documented related to the requirements of the call.

Evaluation criteria: the Committee will take into consideration:

- Academic record.
- Knowledge on the fields required in the call.
- Other merits certified with documents.

Evaluation of applications: applications received by **September 10th, 2013** will be considered for evaluation.

Fellowship Application Letter

Personal Data	
Surname and Name	
Place and date of birth	
Passport Number/NIE	
Address	
Telephone contact number	

Academic Data	
Academic degrees (graduate and master)	
Average marks of the above academic records	
Obtaining dates and Universities/Centres	

Applicant signature and date

