

Phd_lacaixa_2016

POSITION:

INTERNATIONAL PHD PROGRAM FELLOWSHIPS BSC LA CAIXA

CLOSING DATE:

Monday, 29 February, 2016

JOB DESCRIPTION:

Since 1982, the "la Caixa" Foundation has offered several fellowship programmes aimed at allowing students to undertake postgraduate studies in Spain and abroad. Over the years, thousands of students have advanced their training thanks to a "la Caixa" Foundation fellowship. In 2008, the "la Caixa" Foundation launched a new programme aimed at national and international students. As part of this programme, each year fellowships are awarded to students who wish to complete work toward their doctoral degrees.

BSC-CNS is at the service of the international scientific community and industry that require High Performance Computing resources. The multidisciplinary research team and the computational facilities –including MareNostrum – make BSC-CNS an international center of excellence in e-Science.

Under a collaborative Framework Agreement, the Ministry of Economy and Competitiveness and the "la Caixa" Foundation continue the fellowship programme with a 3rd call. This programme aims to help the recruitment of talented students from across the world by doing their doctoral thesis work in one of the accredited "Severo Ochoa" centers of excellence. The objective of this joint activity is to boost the research capacity of the best research institutions in Spain. For this year, the "la Caixa" Foundation has selected the Barcelona Supercomputing Center (BSC-CNS) to offer 2 grants more for the academic year 2016-2017 addressed to PhD students. This grant is renewable up to four years.

BSC-CNS is looking for young scientists from the national and international community. We encourage applications from highly motivated engineers and computational scientists with outstanding qualifications. Successful candidates will join research groups with top-level scientists and will carry out their research in cutting-edge areas of Computer Sciences, Life Sciences, Earth Sciences and Computer Applications in Sciences and Engineering

Conditions and benefits

The training programme will last 4 years to complete the PhD thesis. It's offered an internationally competitive salary.

BSC-"la Caixa" fellows will benefit from the Training Programme and BSC staff benefits:

- International multidisciplinary scientific environment.
- Advanced research training
- Advanced computational facilities

Requirements:

The programme is addressed to all Master students (European and international) who have completed one of the following options by September 2016:

1. Studies that lead to an official Spanish (or from another country of European higher Education Area) university master degree in Computer Sciences, Biology, Chemistry, Physics, Environmental Sciences or related areas and that have 300 credits (ECTS) of an official university degree, of which at least 60 must correspond to master level.
2. Degree in a non-Spanish university not adapted to the European Higher Education Area with access to doctoral studies in Computer Sciences, Biology, Biochemistry, Physics, Environmental Sciences or related areas.

Applicants should not be PhD students at BSC-CNS. Candidates are selected exclusively on merit, on the basis of their curricula. The academic grades and curricula of applicants are evaluated, as well as recommendation and motivation letters. No selection criteria for positive or negative discrimination are applied.

Skills Specifications:

- Ability to take initiative, prioritize and work under set deadlines and pressure
- Ability to work independently and in a team
- Excellent written and verbal communication skills
- High level of English.
- Skills in programming

Interested candidates, please submit:

- Curriculum vitae
- A motivation letter
- A scanned copy of the student's **certified** Academic Record. These documents must show the grades attained in exam periods.
- **Two recommendation letters** from university lecturers or scientists with who the applicant has studied or worked.
- Any additional files considered **relevant** to the application

Students will be required to provide a brief summary of work experience and to request letters of recommendation from two scientists who are familiar with their academic work and who can judge their potential as a PhD student. Only letters with official letterhead and signature will be accepted.

Applicants must indicate in the application form up to one research programmes in which they would like to work, in order of preference. Moreover, if candidates have interest in a particular research group, they must indicate it in the applications form and they should mention it in the cover letter. More information on the research activities of each group can be found on the BSC-CNS web pages.

Applicants must submit information in English (CV, motivation letter, summary of work experience). If the **certified** academic records are not in Catalan, Spanish or English applicants should also attach a sworn translation in one of the above mentioned languages.

Selection procedure

Students are selected from a pool of highly qualified international applicants on the basis of academic and technical excellence.

Applicants who have not been successful but have received a positive evaluation will be put on a waiting list to cover possible renunciations and other PhD fellowships in the center.

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| December 23th | Call Opening |
| February 29th | Call Deadline |
| March 1-April 6 | Pre-selection of Candidates and documentation correction |
| April 7-9 | First Resolution |
| April 6-April 22 | First Interviews |
| April 23-25 | Second Resolution |
| may-18 | Final Interviews and presentation with Recruitment Committee |
| May 25-31 | Final Resolution |
| Sept/Oct 2016 | Start date of fellowships |

JOB TYPE:

Fellowship

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Barcelona Supercomputing Center - Centro Nacional de Supercomputación