Job Reference

20_CASE_HPC_R2

Position

Recognized Researcher ? R2

Data de tancament

Diumenge, 28 Gener, 2018

The Barcelona Supercomputing Center - Centro Nacional de Supercomputación (BSC-CNS) is the leading supercomputing center in Spain. It houses MareNostrum, one of the most powerful supercomputers in Europe, and is a hosting member of the PRACE European distributed supercomputing infrastructure. The mission of BSC is to research, develop and manage information technologies in order to facilitate scientific progress. BSC combines HPC service provision and R&D into both computer and computational science (life, earth and engineering sciences) under one roof, and currently has over 500 staff from 44 countries.

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Context and Mission

The Geophysical Group of the Computer Applications in Science and Engineering (CASE) Department at the Barcelona Supercomputing Center is offering a HPC software researcher (post-doc) position to work on an interdisciplinary project on leading edge geophysical imaging tools for HPC environments. The candidate should work in close cooperation with other people already working in the subject. The contract will be temporary.

Key Duties

- Develop HPC systems for the academia.
- Pursuit new research lines on HPC development and optimization.
- Actively participate in national and international project calls.
Requirements

- **Education**
  - PhD Degree in Informatics or Engineering
  - Fluent English both, written and spoken

- **Essential Knowledge and Professional Experience**
  - Knowledge, to some extent, about some HPC programming models such as: MPI, OpenMP, OpenCL, CUDA.
  - An extensive experience with tools for measuring HPC applications performance is required
  - A proved experience in publishing research work on relevant conferences and journals.
  - Proved experience in participating in both National and International research projects.

- **Competences**
  - Have a great ability for team work
  - Have a natural proactive character.

Conditions

- The position will be located at BSC within the CASE Department
- We offer a full-time contract, a good working environment, a highly stimulating environment with state-of-the-art infrastructure, flexible hours, extensive training plan, tickets restaurant, private health insurance, fully support to the relocation procedures
- Salary: we offer a competitive salary commensurate with the qualifications and experience of the candidate and according to the cost of living in Barcelona
- Starting date: 01/02/2018

Applications Procedure

All applications must include:

- A motivation letter with a statement of interest, including two contacts for further references
- A full CV including contact details

Deadline

The vacancy will remain open until suitable candidate has been hired. Applications will be regularly reviewed and potential candidates will be contacted.

Diversity and Equal Opportunity Employment

BSC-CNS is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or any other basis protected by applicable state or local law.

Barcelona Supercomputing Center - Centro Nacional de Supercomputación