CALL FOR APPLICATIONS - November 2022

Engineer Positions

Donostia International Physics Center (DIPC) is currently accepting applications for Engineer positions. This is a unique opportunity for engineers or technical graduates; or sciences doctorates with a strong background in engineering to join one of DIPC's high-profile research teams. A description of each of the available openings, contact information and deadlines can be found on the following pages.

Although candidates are welcome to contact the project supervisors to know further details about the proposed research activity, please be aware that the application will be evaluated only if it is submitted directly to the email address listed as "application email".

Applications received by the deadline will be evaluated by a Committee designed by the DIPC board on the basis of the following criteria:

- CV of the candidate (40%)

- Adequacy of the candidate's background to the project (40%)

- Reference letters (10%)

- Other: Diversity in gender, race, nationality, etc. (10%)

Evaluation results will be communicated to the candidates soon after. Positions will only be filled if qualified candidates are found.

The DIPC may revoke its decision if the candidate fails to join by the appointed time, in which case the position will be awarded to the candidate with the next highest score, provided it is above 50 (out of 100).

However, the selected candidate may keep the position if, in the opinion of the Selection Committee, the candidate duly justifies the reasons why he or she cannot join before the specified deadline, and as long as the project allows it.

Ref. 2022/78

HPC TECHNICIANS

Supervisor(s):
Txomin Romero (txomin.romero@ehu.eus)

Duration*: *1 year*

Application Deadline: *28/11/2022*   **Application Email:** *jobs.research@dipc.org*

DIPC is looking for two HPC technicians to join our HPC Supercomputing Center. This job position is financed by the IKUR strategy, the Basque strategy promoted by the Education Department of the Basque Government to boost the Scientific Research in specific strategic areas and to position them at international level.

Their functions, among others, will be:

- Issue troubleshooting (working to answer research questions and solve technical problems) related to the DIPC supercomputers. The supercomputing services provided by DIPC are offered to all centers in the Basque Science, Technology and Innovation Network.
- Managing installation of HPC Software
- Managing the storage, network and security systems of the HPC facilities.

It will carry out its work under the supervision of the DIPC Supercomputing Center director.

It requires a Bachelor degree in Computer Science, Physics, Mathematics, Chemistry or similar, solid knowledge of GNU/Linux, fluency in English and immediate incorporation availability. It will be preferable to have familiarity with:

- Storage systems (CEPH, BeeGFS, RAID Levels, filesystems, partitions, exporting protocols…).
- Backup systems (Bacula).
- EasyBuild for application installation.
- Docker and Singularity containers for application deployment.
- Parallel programming paradigms (OpenMP, MPI, CUDA).
- Python or Julia programming languages.

Interested candidates should submit an updated CV and a brief statement of interest to the application email listed above. Reference letters are welcome but not indispensable. The reference of the specific opening to which the candidate is applying should also be stated in the subject line.

*Openings with a duration of more than one year are for a 1-year contract, renewable based on performance and availability of funding.**