CALL FOR APPLICATIONS - May 2023

Post-doctoral Position

Donostia International Physics Center (DIPC) is currently accepting applications for Post-doctoral positions. This is a unique opportunity for junior researchers with a recent PhD degree in Physics or related fields 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 scientific 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. 2023/51
Cosmological Structure formation

Supervisor(s):
Raul Angulo (reangulo@gmail.com)

Duration*: *3 years*

Application Deadline: *01/05/2023*   **Application Email:** *jobs.research@dipc.org*

In this project we will explore several areas related to cosmological structure formation. Specifically, we will employ numerical simulations and physical models for the distribution of baryons, galaxies, and dark matter to understand the relationship with the properties of the underlying cosmological model. The selected applicant should have experience in cosmic large-scale structure models, the use of machine learning to enhance numerical simulations, and the analysis of observational datasets.

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