



## CALL FOR APPLICATIONS - January 2023

### Technical Assistant Position

Donostia International Physics Center (DIPC) is currently accepting applications for Technical Assistant positions. This is a unique opportunity 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 (60%)
- Adequacy of the candidate's background to the project (20%)
- 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. 2023/11**  
**Gaseous detectors for neutrino physics**

**Supervisor(s):**

*Francesc Monrabal Capilla (francesc.monrabal@dipc.org)*

*Juan José Gomez Cadenas (jjgomezcadenas@dipc.org)*

**Duration\*:** 1 year

**Application Deadline:** 27/01/2023

**Application Email:** jobs.research@dipc.org

The neutrino group at the DIPC is involved in several experiments to explore and understand the nature of the neutrino using gaseous detectors. We are looking candidates with:

Formación Profesional FPII, Grado Superior Mecatrónica- Sistemas de regulación y control automático / Automatización y robótica industrial.

Minimum experience:

- At least, 4 years
- Languages required:
  - English, Spanish
- Required knowledge:
  - Mechanical, electrical and electronic assemblies.
  - Manufacture of multipair, data and RF cabling, using crimpers.
  - Soldering cables and PCBs.
  - Mechatronic
  - Interpretation and creation of electrical plans.
  - Assembly of panels in electrical cabinets.
  - Regulation and Automatic Control.
  - Electrical maintenance.
  - Mechanical maintenance of equipment.
  - Pneumatics and electro-pneumatics.
  - Teamwork.
  - Analytical capacity and resolution when making decisions.
- Experience in pressure and vacuum equipment is highly valued. Leak detection and assembly of gas systems based on Swagelok or VCR connections.
- Experience in vacuum pump and compressor maintenance is highly desirable.
- Orderly, methodical and organised person, with leadership and self-management skills.

**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.**

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