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DIPC technical contract (Ref. 2018/39)

The Donostia International Physics Center DIPC is currently accepting applications for a technical contract under the title "Support for the design and building of a cryostatic system for a liquid xenon PET", and under support the European Research Council, project PETALO, Grant Agreement-757829.

The aim of this contract is the design and building of a cryostat which will host a prototype of a PET scanner based on liquid xenon.

We are looking for a motivated candidate with a degree in Mechanical Engineer or equivalent. Experience in technical design, structure calculation and building of high vacuum and pressurized equipment will be valued, as well as in the use of design programs such as SolidWorks. The candidate must have a good professional fluency in English spoken and written.

Interested candidates please send an updated CV including an academic transcript with the obtained marks, a brief statement of interest, and contact information to postdoc@dipc.org. Reference letters are welcome but not indispensable.

Next review of applications is scheduled for October 16th 2018. Applications will be evaluated by a Committee designed by the DIPC board on the basis of the following criteria (with point weights indicated in parentheses):

- CV of the candidate (30%)
- Adequacy of the candidate's scientific background to the project (30%)
- Interview (30%)
- Statement of interest and reference letters (10%)

The position will only be filled if a qualified candidate is found.

The DIPC could revoke its decision in case the candidate breaches the condition of joining before the deadline indicated in this call, proceeding in that case to grant the position to the next candidate based on the classification order, and provided that he has obtained a score higher than 50 (out of 100) in the evaluation of his candidature.

However, the selected candidate may keep the position if, in the opinion of the Evaluation Committee, he/she duly justifies the reasons why he/she can't join before the specified deadline, and as long as the project allows it.



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The aim of this contract is the leadership and coordination of the design and building of a cryostat which will host a prototype of a PET scanner based on liquid xenon.

We are looking for a motivated candidate with a degree in Mechanical Engineer or equivalent. Experience in technical design, structure calculation and building of high vacuum and pressurized equipment is required, as well as in the use of design programs such as SolidWorks. The candidate must have a good professional fluency in English spoken and written.

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