

DIPC PhD STUDENT GRANTS

The Donostia International Physics Center DIPC is currently accepting applications for PhD students. This is a unique opportunity for highly motivated students, recently graduated from the University in physics or related fields, to develop a research career joining some of the DIPC high-profile research teams.

DIPC PhD grants last for just 12 months. An extension of the grant may be accepted just in some exceptional cases. DIPC PhD grants are intended to support the student during the first steps of his/her research career. Further financial aid to continue the PhD research project after this period should be obtained from other institutions.

Interested candidates please send an updated CV including an academic transcript with the obtained marks, a brief statement of interest, and contact information to phd@dipc.org. Reference letters are welcome but not indispensable. The particular PhD position(s) to which the candidate is applying should be stated as well.

Next review of applications is scheduled for June 8th. 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 (60%)
- Adequacy of the candidate's scientific background to the project (20%)
- Statement of interest and reference letters (10%)
- Others: 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.

PHD OPENINGS

- ***Low-energy collective electronic excitations in graphite intercalated compounds***

PhD position, contact person: V.M. Silkin (waxslavas@ehu.es).

Reference: 2012/5.

The aim is to carry first-principles calculations of the dielectric response properties in a variety of graphite intercalated compounds like LiC_6 and SrC_6 in the framework of the Time-dependent Density-Functional Theory. The goal of this project is to determinate the role of the occupation of the interlayer band in the formation of the low energy collective excitations in these layered systems. Experience with first-principles density-functional methods is essential.

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