

## DIPC POST-DOCTORAL POSITIONS

The Donostia International Physics Center DIPC is currently accepting applications for post-doctoral appointments. This is a unique opportunity for highly motivated junior researchers with a recent PhD degree in physics or related fields to join some of the DIPC high-profile research teams.

Interested candidates please send an updated CV, a brief statement of interest, and contact information to [postdoc@dipc.org](mailto:postdoc@dipc.org). Reference letters are welcome but not indispensable. The particular position(s) to which the candidate is applying should be stated as well. Although candidates are encouraged 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 mentioned above ([postdoc@dipc.org](mailto:postdoc@dipc.org)).

Next review of applications is scheduled for March 3<sup>rd</sup> 2017. Applications must be received before this date and 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 (40%)
- Adequacy of the candidate's scientific background to the project (40%)
- 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.

The duration of the appointment will be 1 year. The appointment could be renewed for a second year, subject to performance and to the availability of funding.

The salary will be 32000 euros per year before taxes.

## JOB OPENINGS

- ***Magnetic states on superconducting surfaces***

Contact person: F. Delgado ([fernando.delgadoa@ehu.eus](mailto:fernando.delgadoa@ehu.eus)). Reference: 2017/1.

The successful candidate must be an expert in single-atom studies of magnetism on superconducting surfaces to make the link between theory and STM experimental groups. It is mandatory to have a deep knowledge of low-temperature STM with magnetic fields as well as working concepts of magnetism at the atomic scale. The project deals with the measurement and characterization of magnetic dynamical properties of man-made magnetic structures via atomic manipulation on superconducting surfaces. Experience on STM operation and data acquisition, superconducting surface treatment and in data analysis is a requirement. A joint collaboration among several groups of the San Sebastian area is envisaged, and for that the candidate must have excellent skills to bridge the gap between experimentalists and theoreticians.