

## DIPC POSTDOC POSITION

The Donostia International Physics Center DIPC is currently accepting applications for postdocs. This is a unique opportunity for highly motivated researchers to develop a research career joining some of the DIPC high-profile research teams.

Financial support will be provided through an employment contract with the DIPC for a period of 1 years (renewable up to a maximum of 3 years), associated with the European grant ERC-STG-635919-SURFINK.

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 postdoc position(s) to which the candidate is applying should be stated as well.

**Applicants are required to hold a PhD degree in physics, chemistry or material science.**

Next review of applications is scheduled for May 19<sup>th</sup> 2017. 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 (40%)
- Adequacy of the candidate's scientific background to the project (40%)
- Statement of interest and reference letters (10%)
- Others: Diversity in gender, race, nationality, etc. (10%)

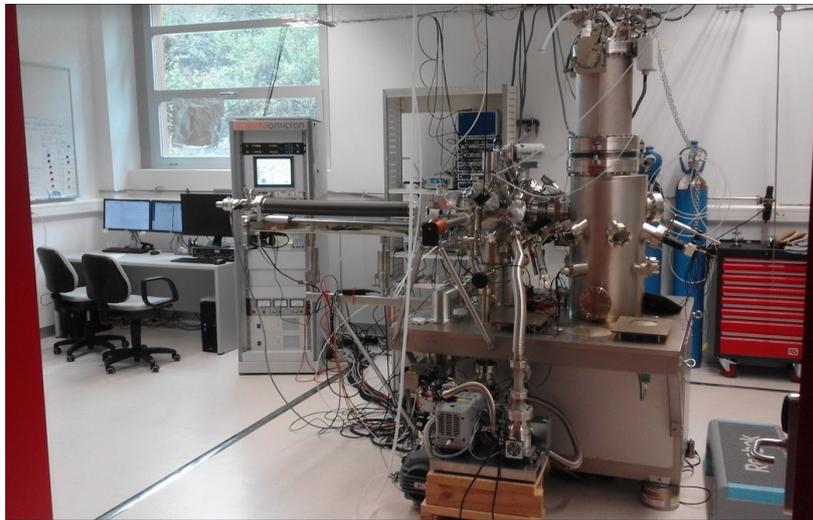
Evaluation results will be communicated to the candidates soon after. Positions will only be filled if qualified candidates are found.

## POSTDOC OPENINGS

### **- Functional materials synthesized by surface-supported chemistry under vacuum**

Contact person: D. G. de Oteyza ([d\\_g\\_oteyza@ehu.eus](mailto:d_g_oteyza@ehu.eus)). Reference: 2017/7.

We are looking for one postdoc to work on the synthesis and characterization of functional materials synthesized on surfaces under ultra-high vacuum. Starting from appropriate molecular precursors, their deposition and subsequent reaction will be characterized at the single molecule level by low-temperature scanning probe microscopy and spectroscopy. Further insight will be obtained from complementary ensemble measurements like electron spectroscopies (photoemission or X-ray absorption) performed with laboratory and synchrotron light sources.



The final products aimed for include graphene nanoribbons, donor-acceptor networks and porous organic frameworks. However, along the way the idea is to contribute to the development of the currently still scarcely equipped on-surface chemistry toolbox by identifying new chemical reactions, substrates, optimized reaction conditions and their combination strategies.

Candidates should be motivated researchers with good communication skills and English knowledge. Experience in related topics (scanning probe microscopy, electron spectroscopies, ultra-high-vacuum, low-temperature, surface science, self-assembly, surface-supported synthesis, etc) is welcome and will be valued, but not a requisite.