



## Post-Doctoral Position

# The Fluid Dynamics of Planet and Star Formation

The University of California at Berkeley and San Francisco State University invite applications for one or two Postdoctoral Research positions in Fluid Dynamics starting in the spring, summer or fall of 2011. The positions are for two years, with renewal for a third year contingent on performance. The positions are funded by the National Science Foundation.

The post-doctoral researchers will be expected to work in the areas of late star formation and/or early planetesimal formation using large-scale, parallel computational methods. Computing resources will be provided on the NSF TeraGrid supercomputers and on local parallel clusters at Berkeley and SFSU.

The post-doctoral researchers will work with Professors Joseph Barranco (SFSU) and Philip Marcus (Berkeley). The successful applicants can choose to be associated with the Center for Integrative Planetary Science <http://cips.berkeley.edu/>.

A background in astrophysics is not necessary. However, special attention will be paid to candidates with experience in writing and running their own numerical codes for computing fluid flows and/or particle-laden flows.

Candidates should have obtained their Ph.D. in physics, applied mathematics, astronomy, astrophysics, mechanical engineering, or a similar program. Required application materials include a CV, bibliography and the names and email address of three scientists or engineers who can provide letters of reference. Please submit applications electronically to Profs. Marcus ([pmarcus@me.berkeley.edu](mailto:pmarcus@me.berkeley.edu)) and Barranco ([barranco@sfsu.edu](mailto:barranco@sfsu.edu)). Review of applications will start on February 1. The word “post-doc” should be included in the subject line of the email.

Please refer potential letter writers to the UC Berkeley Statement of Confidentiality found at: <http://apo.chance.berkeley.edu/evalltr.html>

Applications from women and minority candidates are especially encouraged, as UC Berkeley and San Francisco State University are both committed to a plan of equity and inclusion.