

The UC Berkeley/LBNL IceCube group has an opening for a postdoctoral research associate. The position will focus on IceCube data analysis. The group has broad interests, albeit with some focus on astrophysical neutrinos and making particle/nuclear physics measurements using IceCube data. A few current/recent group analyses include the first measurement of neutrino absorption in the Earth (published in Nature), with a measurement of the neutrino cross-section at many-TeV energies, and studies of the astrophysical flux energy spectrum and flavor composition. The choice of analysis work will be a mutual decision involving the successful candidate and the PI. The successful candidate will also spend some time on IceCube service work. This will be tailored to the candidate's interest, but could include the use of NERSC (National Energy Research Supercomputer Center) supercomputers. A small involvement in ARIANNA hardware may also be possible.

Candidates should have a recent PhD in physics, and have experience with data analysis in a 'big experiment' environment. Experience with large-scale computing, C++/ROOT and/or Python is a big plus, as is work in a large scientific collaboration.

Candidates should send me a curriculum vitae and an application letter, discussing your research experience and interests (a separate statement is also acceptable), and arrange to have three letters of recommendation sent to me.

We pride ourselves on having a friendly, collegial group. The successful candidate will be employed by UC Berkeley, with an affiliate appointment at LBNL. The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status.

The position will be open until filled; applications by January 29th will receive full consideration.

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