



University of Colorado at Boulder

Department of Physics  
High Energy Physics Group

390 UCB  
Boulder, Colorado 80309-0390

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## POSTDOCTORAL POSITION IN EXPERIMENTAL NEUTRINO PHYSICS

The Experimental High Energy Physics Group at the University of Colorado at Boulder invites applications for a postdoctoral Research Associate position to join the group working on the T2K experiment.

T2K is a long baseline neutrino oscillation experiment that will utilize the new proton synchrotron at the J-PARC facility in Tokai-mura Japan to produce a high-intensity beam of mostly muon neutrinos. Using a new detector located on the J-PARC 280 m from the start of the beamline and the existing Super-Kamiokande detector, T2K will search for the disappearance of muon neutrinos and the appearance of electron neutrinos. The T2K experiment will begin data taking in 2009, and will continue operating for several years. The T2K group at the University of Colorado will consist of two faculty members, plus two postdocs and students. This position will be based in Boulder, but periodic travel to Japan will be expected. The successful candidate will be expected to play a major role in the analysis of T2K data.

Applicants must have a PhD in experimental particle physics. Previous experience in neutrino physics, while not necessary, would be desirable. Applicants should send a research statement, a curriculum vitae (with a list of publications), and at least 3 letters of application to

Prof. Alysia Marino  
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Applicants must also register online at <https://www.jobsatcu.com>, posting 806326, by selecting "apply for this posting", and then submitting personal information and voluntary demographic data. The University of Colorado at Boulder is committed to diversity and equality in education and employment. In that spirit, applications at all levels will be considered from those who would strengthen the Department's diversity.

Please submit all application materials before February 27, 2009.