

Postdoctoral Fellows, Nuclear/Astro/Lattice QCD Theory

Lawrence Berkeley National Laboratory/UC Berkeley

The Nuclear Theory Program at LBNL, in conjunction with the Physics Department and Theoretical Astrophysics Center (TAC) at UC Berkeley, anticipates having postdoctoral fellow positions available starting in the fall of 2013. This includes positions in neutrino transport and nucleosynthesis in astrophysical environments, to support the group's Berkeley/UCSC/UCSD/Los Alamos Neutrino Astrophysics collaboration, and in lattice QCD and effective theory, to support the Berkeley/Livermore/Nvidia SciDAC collaboration on Multi-scale Nuclear Physics. Other topics of interest to group members include: High-energy heavy-ion collisions, QCD matter at high temperatures and densities, QCD hard processes in nuclear collisions and jet propagation, transport descriptions at both the partonic and hadronic level and medium modifications of hadronic properties, perturbative QCD and spin physics, nuclear many body problems, and the modeling of supernovae and other astrophysical explosions. Candidates with research interests in any of these areas are encouraged to apply.

Successful candidates must have a recent Ph.D. in Theoretical Physics and the ability to work productively within LBNL's diverse research environment, including the production and publication of original research and the effective presentation of research results in seminars and at scientific meetings.

Senior members of the LBNL/Berkeley group include Wick Haxton, Dan Kasen, Volker Koch, Jorgen Randrup, Xin-Nian Wang, and Feng Yuan. The LBNL/Berkeley research environment is a vibrant one with strong and diverse postdoctoral and visitor programs.

To ensure full consideration, interested candidates are requested to submit their applications at <https://academicjobsonline.org/ajo/jobs/2217> as soon as possible, but before the deadline of **November 30, 2012**.

Requested application materials:

- Curriculum vitae including list of publications
- Statement of research interests
- At least three letters of reference submitted to AcademicJobOnline.

Women and members of under-represented groups are especially encouraged to apply. For further inquiries please contact Volker Koch (vkoch [at] lbl [dot] gov)