

***POSTDOCTORAL FELLOW POSITION
INDIANA UNIVERSITY***

The Indiana University High Energy group seeks a highly motivated and dynamic candidate for a postdoctoral fellowship, beginning immediately or at a negotiated time, to join its efforts on the ATLAS Experiment at the LHC. Applicants should have a Ph.D. in High Energy Particle Physics and demonstrate experience in physics analysis, as well as in detector hardware, electronics, or computing, preferably on a colliding beam experiment. The successful candidate will be expected to reside at CERN, to be part of the excitement of the LHC turn-on and first data taking.

The ATLAS Indiana University group was responsible for the design, fabrication, quality control and installation of the barrel transition radiation tracker (TRT) with continuing roles in the areas of online monitoring and commissioning. We also operate an ATLAS Tier 2 computing site at Indiana University in collaboration with the University of Chicago. Physics analysis efforts and interests on ATLAS presently include searches for invisible Higgs bosons, lepton-jets from Hidden Valley models, evidence of extra dimensions, highly ionizing charged massive particles, high-pT top and Supersymmetry. The successful candidate will be expected to take an active role in service tasks and join one of our current physics analysis topics.

Applicants should send a curriculum vitae, a list of publications, a statement of research interests, and arrange to have at least three letters of recommendation sent electronically to postdoc_atlas@hep.physics.indiana.edu, or to the following postal address.

ATLAS Postdoc Search
Physics Department, Indiana University
Swain West 117
Bloomington, IN 47405-7105
USA

More information can be obtained from <http://pauline.web.cern.ch/pauline/IU-postdoc-search.html> or by contacting Dr Hal Evans (hgevans@indiana.edu) or Dr Pauline Gagnon (Pauline.Gagnon@cern.ch). Applications will be accepted until the position is filled. Applications received by January 15, 2010 will receive full consideration.

The Indiana University ATLAS group has four research scientists: Pauline Gagnon, Vivek Jain and Fred Luehring (all on ATLAS) and Daria Zieminska (D0/ATLAS), as well as four faculty members: Hal Evans, Sabine Lammers and Rick Van Kooten (all on D0/ATLAS), and Harold Ogren (ATLAS).

Indiana University is an Affirmative Action/Equal Opportunity Employer.