Postdoctoral Scholar

The Santa Cruz Institute for Particle Physics (SCIPP) is seeking applications for a postgraduate research position in experimental high-energy physics for the ATLAS experiment.

SCIPP is a member of the ATLAS Collaboration which will search for new physics at the Large Hadron Collider (LHC) facility at the CERN laboratory in Geneva, Switzerland. The ATLAS detector will be one of two general-purpose spectrometers to exploit the new energy regime of the LHC. Data taking is expected to begin in 2007. In the intervening time we will be completing the detector installation and preparing for physics.

SCIPP has had a major role in the development and construction of the Semi-Conductor Tracker (SCT) that is a critical part of the central tracking system of the ATLAS detector. The SCT is made up of a large array of silicon micro-strip detectors with state-of-the-art readout using custom designed rad-hard integrated circuits.

The successful job candidate will help with the completion of SCT construction, join the team integrating the SCT into the rest of the ATLAS detector, take part in commissioning and prepare for physics data. Work will be primarily at CERN.

**Rank:** Postdoctoral Scholar  
**Salary:** Commensurate with experience and qualifications, with annual range between $38,652 - $41,940.  
**Minimum Qualifications:** Ph.D. or equivalent in experimental particle physics and some experience both with electronics and software.  
**Position available:** Immediately.  
**Apply to:** Please send a vitae and three letters of reference to:  
Prof. A. Seiden  
Santa Cruz Institute for Particle Physics  
University of California Santa Cruz  
1156 High Street  
Santa Cruz, CA 95064  
**Closing date:** When filled.

**WOMEN AND MINORITIES ARE ENCOURAGED TO APPLY**

Under Federal law, the University of California may employ only individuals who are legally able to work in the United States as established by providing documents as specified in the Immigration Reform and Control Act of 1986.

The University of California, Santa Cruz, in accordance with applicable Federal and State law and University policy, prohibits discrimination against or harassment of any person employed by or seeking employment with the University on the basis of race, color, national origin, religion, sex, physical or mental disability, medical condition (cancer-related), ancestry, marital status, or age. The University of California also prohibits unlawful discrimination on the basis of sexual orientation, status as a Vietnam-era veteran or special disabled veteran, or, with the limits imposed by law or University policy, on the basis of citizenship.

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Inquiries regarding the University’s equal employment opportunity policies may be directed to: Affirmative Action Office, University of California, Santa Cruz, CA (831) 459-2349.