The Santa Cruz Institute for Particle Physics (SCIPP) invites applications for a Postdoctoral Scholar in the field of very high-energy gamma-ray astrophysics for work on VERITAS and CTA. Under the mentorship of Adjunct Professor David Williams, the successful candidate will be expected to participate in the data analysis and ongoing operation of VERITAS and also to become actively involved in the design and testing of instrumentation for CTA.

VERITAS is a state-of-art imaging atmospheric Cherenkov telescope array at the Fred Lawrence Whipple Observatory in Amado, Arizona, near Tucson. The Santa Cruz group has been engaged in the studies of active galaxies and gamma-ray bursts, but our interests are not confined to these topics. We are fully involved in the operations of VERITAS and made important contributions to the upgrade of the cameras. We have been particularly active exploiting the synergy between VERITAS observations and data from the Fermi Gamma-ray Space Telescope, which also has a leading group at UCSC.

UCSC is a founding member of the U.S. group participating in CTA as part of a worldwide effort to develop the next generation array of imaging atmospheric Cherenkov telescopes to study very high-energy gamma-ray sources. The SCIPP group is a leader in the evaluation of cutting-edge focal plane sensors for the telescope cameras and is also simulating aspects of the telescope performance critical to the design.

RANK: Postdoctoral Scholar – Employee

SALARY: Commensurate with qualifications and experience.

BASIC QUALIFICATIONS: Ph.D. or equivalent in experimental astrophysics, particle physics or astronomy, expected to be conferred at the time of appointment.

PREFERRED QUALIFICATIONS: Experience analyzing high-energy astrophysics or particle physics data, especially very-high-energy gamma-ray data. Experience or a strong interest in instrumentation for detecting high-energy particles. Familiarity with the astrophysics of extragalactic gamma-ray sources.

POSITION AVAILABLE: Fall 2015. Ph.D. must be conferred at the time of appointment

TERM OF APPOINTMENT: Initial appointment is for one year, with possible extension for a total of five years; with annual reappointment contingent upon positive performance review and availability of funding. For appointments within the University of California, a total duration of an individual's postdoctoral service may not exceed five years, including postdoctoral service at other institutions. Under certain circumstances, a sixth year may be considered.

TO APPLY: Applications are accepted via the UCSC Academic Recruit online system, and must include a curriculum vitae with list of publications, statement of research interests, and at least two, preferably three, letters of recommendation.* Documents/materials must be submitted as PDF files.

Apply at https://recruit.ucsc.edu/apply/JPF00282
Refer to Position # JPF00282-15T in all correspondence.

*All letters will be treated as confidential per University of California policy and California state law. For any reference letter provided via a third party (i.e., dossier service, career center), direct the author to UCSC’s confidentiality statement at http://apo.ucsc.edu/confstm.htm.

CLOSING DATE: Review of applications will begin on July 22, 2015. To ensure full consideration, applications should be completed and letters of recommendation received by this date. The position will remain open until filled, but not later than 12/31/2015.

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. UC Santa Cruz is committed to excellence through diversity and strives to establish a climate that welcomes, celebrates, and promotes respect for the contributions of all students and employees. Inquiries regarding the University's equal employment opportunity policies may be directed to: Office for Diversity, Equity, and Inclusion at the University of California, Santa Cruz, CA 95064; (831) 459-2686.

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. Certain UCSC positions funded by federal contracts or subcontracts require the selected candidate to pass an E-Verify check. More information is available here or from the Academic Personnel Office (APO) at (831) 459-4300.

UCSC is a smoke & tobacco-free campus.

If you need accommodation due to a disability, please contact the Academic Personnel Office at apo@ucsc.edu (831) 459-4300.

VISIT THE APO WEB SITE AT: http://apo.ucsc.edu 6/22/15