The Santa Cruz Institute for Particle Physics (SCI PP) at the University of California Santa Cruz (UCSC) invites applications for the position of Research Physicist to join their ATLAS team, which is part of the international ATLAS Collaboration doing research at the Large Hadron Collider at the CERN Laboratory. SCIPP was part of the initial group of U.S. institutions to join the ATLAS Collaboration in 1994 and has made major contributions to the development and construction of the detector as well as its operation and very fruitful physics program. The group is currently very active in the development of an upgraded silicon tracker for ATLAS, to which the successful candidate will be expected to play a leading role.

While the immediate focus is on the ATLAS Upgrade, SCIPP is involved in many additional advanced instrumentation R&D projects, and the successful candidate will be encouraged to make contributions in these other areas and to find new areas where the institute's technical and experimental expertise can make scientific advances. He or she will be expected to propose new R&D projects, suggest possible funding sources, manage the resulting projects, and contribute to publications.

The successful candidate will be expected to mentor undergraduate and graduate students of which a large number are working in the institute’s labs.

SCIPP has been a pioneer in the development of silicon detectors for elementary particles and is a recognized expert in silicon micro-strip and pixel detectors as well as radiation-tolerant readout electronics for such detector systems. In addition to its major contributions to the ATLAS detector, the institute has recently developed silicon detectors for the BaBar detector, the Fermi space mission and for proton CT and is presently involved in the Large Synoptic Survey Telescope project and the Heavy Photon Search experiment.

RANK: Research Physicist
SALARY: Commensurate with qualifications and experience.
BASIC QUALIFICATIONS: Ph.D. or equivalent foreign degree in Experimental Particle Physics. A minimum of 10 years experience post Ph.D. in Experimental Particle Physics Research. A minimum of 10 years experience post Ph.D. in the design and construction of instrumentation for high-energy particle physics research.
PREFERRED QUALIFICATIONS: Experience serving in a leadership role in an international collaboration. Demonstrated initiative to advance state of the art instrumentation for physics research. Experience with the design and construction of silicon detectors for elementary particle physics experiments. Experience managing project budgets and schedule.

POSITION AVAILABLE: Summer 2016
TERM OF APPOI NTMENT: Initial appointment will be for three years with anticipated reappointment. Should the hiring unit propose reappointment, a review to assess performance will be conducted. Reappointment is also contingent upon availability of funding.

TO APPLY: Applications are accepted via the UCSC Academic Recruit online system, and must include a curriculum vitae, a statement of research interests, a list of publications, and two letters of reference.* Documents/materials must be submitted as PDF files.
Apply at [https://recruit.ucsc.edu/apply/1PP00347](https://recruit.ucsc.edu/apply/1PP00347)
Refer to Position # PP00347-16T in all correspondence.

*CLOSING DATE: Review of applications will begin on March 2, 2016. To ensure full consideration, applications should be completed and letters of reference received by this date. The position will remain open until filled, but no later than 6/30/2016.

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 sub-contracts 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