

Postdoctoral Employee Experimental Particle Physics -
Physics
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=245511>

Downloaded On: Sep. 26, 2024 11:56pm

Posted Sep. 20, 2024, set to expire Oct. 19, 2024

Job Title	Postdoctoral Employee Experimental Particle Physics -Physics
Department	
Institution	University of California Berkeley Berkeley, California
Date Posted	Sep. 20, 2024
Application Deadline	10/19/2024
Position Start Date	Available immediately
Job Categories	Post-Doc Post-Doc
Academic Field(s)	Physics - General Physics - General
Apply Online Here	https://apptrkr.com/5654108

Apply By Email

Job Description

Image not found or type unknown



Postdoctoral Employee Experimental Particle Physics -Physics

Position overview

Salary range: The UC postdoc salary scales set the minimum pay determined by experience level at appointment. See the following table(s) for the current salary scale(s) for this position:

https://www.ucop.edu/academic-personnel-programs/_files/2024-25/oct-2024-scales/t23.pdf. A

Postdoctoral Employee Experimental Particle Physics -
Physics
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=245511>

Downloaded On: Sep. 26, 2024 11:56pm

Posted Sep. 20, 2024, set to expire Oct. 19, 2024

reasonable estimate for this position is between \$66,737 and \$74,425.

Percent time: 100%

Anticipated start: November 18 , 2024

Position duration: 2 years

Application Window

Open date: September 18, 2024

Next review date: Thursday, Oct 3, 2024 at 11:59pm (Pacific Time)

Apply by this date to ensure full consideration by the committee.

Final date: Saturday, Oct 19, 2024 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

Position description

Professor Haichen Wang leads research centered on the ATLAS experiment at CERN's Large Hadron Collider. Working within the broader UC Berkeley and Lawrence Berkeley National Laboratory ATLAS group, his team pursues a multifaceted program. Their work spans detector upgrades, combined performance studies, and physics analysis. A key focus of their research is the development of innovative machine learning applications for collider experiments, pushing the boundaries of data analysis in particle physics.

The successful candidate will:

Contribute to diverse research activities, potentially including:

- Detector upgrades
- Physics analysis (encompassing combined performance studies and machine learning development)
- R&D for future colliders
- Mentor and train junior scientists, including graduate and undergraduate students
- Collaborate in a team environment, working with other scientists at different seniority levels
- Contribute to the organization and operation of the research group, such as, organizing and

Postdoctoral Employee Experimental Particle Physics -
Physics
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=245511>

Downloaded On: Sep. 26, 2024 11:56pm

Posted Sep. 20, 2024, set to expire Oct. 19, 2024

chairing research discussions

- Assist and/or participate in the preparation of research proposals
- Travel to CERN and/or attend conferences as required
- Publish research results and preserve data and tools developed as part of the research program

Lab: <https://physics.berkeley.edu/>

Union: <https://ucnet.universityofcalifornia.edu/resources/employment-policies-contracts/bargaining-units/postdoctoral-scholars/contract/>

Qualifications

Basic qualifications (required at time of application)

PhD or equivalent international degree, or enrolled in a PhD or equivalent international degree granting program.

Additional qualifications (required at time of start)

PhD or equivalent international degree.

No more than three years of post-PhD degree research.

Preferred qualifications

Ph.D. in Experimental Particle Physics

Research background in LHC experiments.

Experience with developing novel machine learning applications.

Experience with detector instrumentation.

Application Requirements

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Statement of Research

Reference requirements

- 3 letters of reference required

Apply link: <https://aprecruit.berkeley.edu/JPF04603>

Help contact:

Postdoctoral Employee Experimental Particle Physics -
Physics
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=245511>

Downloaded On: Sep. 26, 2024 11:56pm

Posted Sep. 20, 2024, set to expire Oct. 19, 2024

emartinez24@berkeley.edu

About UC Berkeley

UC Berkeley is committed to diversity, equity, inclusion, and belonging. The excellence of the institution requires an environment in which the diverse community of faculty, students, and staff are welcome and included. Successful candidates will demonstrate knowledge and skill related to ensuring equity and inclusion in the activities of their academic position (e.g., teaching, research, and service, as applicable).

The University of California, Berkeley 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.

Please refer to the [University of California's Affirmative Action Policy](#) and the [University of California's Anti-Discrimination Policy](#).

In searches when letters of reference are required all letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the [UC Berkeley statement of confidentiality](#) prior to submitting their letter.

As a University employee, you will be required to comply with all applicable University policies and/or collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements.

Job location

Berkeley, CA

To apply, visit <https://aprecruit.berkeley.edu/JPF04603>

Postdoctoral Employee Experimental Particle Physics -
Physics
University of California Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=245511>

Downloaded On: Sep. 26, 2024 11:56pm

Posted Sep. 20, 2024, set to expire Oct. 19, 2024

Contact Information

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact

N/A

University of California Berkeley

,