

QUP25-4 QUP Postdoctoral Fellows in Experimental Physics

Job No. : QUP25-4
Title : QUP Postdoctoral Fellow
Number of Job Opening : Several Positions
Inst/Lab : International Center for Quantum-field Measurement Systems
for Studies of the Universe and Particles (QUP)
Term : A single fiscal year contract, maximum 3 years with the contract renewal.
※The contract renewal is determined based on satisfactory job performance,
continuing availability of funds etc.
Start Date : As soon as possible (negotiable)
Appl. Deadline : March 10, 2026 * The posting shall remain open until the positions are filled.

1. Job Description :

We are seeking outstanding applicants for approximately ten Postdoctoral Fellow positions at QUP in experimental physics. Successful candidates are expected to conduct research for the QUP experimental projects with the Principal Investigators.

We are particularly seeking candidates who are interested in any of the following research topics:

- Laser development for hydrogen fountain experiments aimed at antimatter gravity measurements,
- Development of TES detectors and their application to the exploration of physical phenomena with extremely weak couplings,
- Development of diamond-based quantum sensors for light dark matter searches,
- Fabrication and/or operation of superconducting qubits for searches for new physics, such as axion dark matter, and gravitational waves.

◆For details, please refer to <https://academicjobsonline.org/ajo/jobs/31520>
and <https://www2.kek.jp/qup/en/research/>

(In principle, the job description will not change during the period of employment.)

2. Qualification :

Applicants should have a Ph.D. in Physics or a related field by the time the appointment begins.

3. Method of Selection :

After reviewing the submitted application documents (see below), applicants may be called for an interview. The date of the interview will be separately communicated to the applicants who will be interviewed.

4. Conditions :

- (1) Salary:** Base Annual Salary: 6,120,000yen~
Salary and various allowances will be determined according to the KEK rules.
(Annual salary system)
- (2) Allowances:** Commutation allowance, Housing allowance
* Various allowances will be determined according to the KEK rules.
- (3) Insurance:** Mutual aid association of the MEXT (health insurance), employees' pension, workers' accident compensation insurance, and unemployment insurance.
- (4) Working hours:** Five days a week, Monday through Friday.
In principle, a discretionary work system for professional work is applied, and working hours will be deemed as 7 hours and 45 minutes per day.
- (5) Holiday:** Saturdays, Sundays, National holidays. Year-end and New Year holidays.
- (6) Trial period:** None

5. Work location :

High Energy Accelerator Research Organization Tsukuba Campus
(1-1 Oho, Tsukuba, Ibaraki 305-0801 Japan)

(In principle, the place of employment will not change during the period of employment.)

6. Application documents :

- (1) Curriculum Vitae (with an email address and citizenship)
 - (2) Research statement
 - (3) Publication list
 - (4) Three or more reference letters
- ※They should be uploaded to AcademicJobsOnline.org.

7. How to submit application documents :

Applications will only be accepted via AcademicJobsOnline.org.
<https://academicjobsonline.org/ajo/jobs/31520>

8. For more information, Please contact :

QUP Job Contact

E-mail : gup_job_inquiry@ml.post.kek.jp

9. Handling of private information :

Private information obtained from application documents will not be used or provided to any third party for purposes other than the necessary procedures related to personnel affairs, salary, and welfare. Please note that documents submitted for the recruitment process will not be returned to the applicant.

* Please see below for our privacy policy.

<https://www.kek.jp/ja/compliance/personalinformationprotection/>

10. Other :

- (1) KEK is promoting gender equality. In accordance with the intent of "Basic Act for Gender Equal Society", when the finalists for a position comprise both males and females whose qualifications and merit, including experiences, education, research achievements and social contributions, have been deemed equal, preference will be given to the female candidate.
* Gender Equality Office <http://www2.kek.jp/geo/>
- (2) An option for working at home is available to improve work-life balance or to cope with exceptional working environment.
- (3) Measures to prevent secondhand smoke exposure : Smoking is prohibited on the premises (excluding designated outdoor smoking areas).