

## QUP24-5 QUP Postdoctoral Fellow in Theoretical Physics

**Job No. :** QUP24-5  
**Title :** QUP Postdoctoral Fellow  
**Number of Job Opening :** A few  
**Inst/Lab :** International Center for Quantum-field Measurement Systems  
for Studies of the Universe and Particles (QUP)  
**Term :** 3 years, with the contract renewal every fiscal year  
※The contract renewal is determined based upon satisfactory job  
performance, continuing availability of funds.  
**Start Date :** As soon as possible (negotiable)  
**Appl. Deadline :** May 31, 2024 \* The positing shall remain until the positions are filled.

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### 1. Job Description :

We are seeking outstanding applicants for Postdoctoral Fellow positions at QUP in theoretical physics with a strong background in areas such as particle phenomenology, cosmology, astroparticle physics as well as quantum field theory applications. Preferred candidates will also be interested in bridging theoretical work with experiments and observations in order to discover new physics.

Successful candidates are expected to interact and collaborate with QUP Principal Investigators Kazunori Nakayama and Volodymyr Takhistov, as well as conduct independent research. Postdoctoral Fellows will benefit from interactions with QUP experimentalists who are involved in and lead a variety of international projects, including novel dark matter searches in laboratories as well as space missions for cosmology and astrophysics. Interdisciplinary research at QUP is also facilitated by its satellite laboratories at the University of California at Berkeley (USA), Toyota Central R&D Lab. and ISAS at Japanese space agency JAXA. Further, Postdoctoral Fellows will have the opportunity to regularly interact with members of the KEK Theory Center, which comprises the largest particle theory group in Japan with broad expertise.

◆For details, please refer to <https://academicjobsonline.org/ajo/jobs/27511>  
and <https://academicjobsonline.org/ajo/KEK/QUP>

### 2. Qualification :

Applicant 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.

### 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, and overtime 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
- (7) KEK Staff House:** Housing (single) for KEK employees is available for rent. (Subject to availability)

**5. Work location :**

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

**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/27511>

**8. For more information, Please contact :**

QUP Job Contact

E-mail : [qup\\_job\\_inquiry@ml.post.kek.jp](mailto:qup_job_inquiry@ml.post.kek.jp) Tel : 029-864-5564

**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.