

## QUP24-6 QUP Postdoctoral Fellows in Experimental Physics

<b>Job No. :</b>	QUP24-6
<b>Title :</b>	QUP Postdoctoral Fellow
<b>Number of Job Opening :</b>	A few
<b>Inst/Lab :</b>	International Center for Quantum-field Measurement Systems for Studies of the Universe and Particles (QUP)
<b>Term :</b>	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.
<b>Start Date :</b>	As soon as possible (negotiable)
<b>Appl. Deadline :</b>	November 30, 2024 * The posting shall remain open until the positions are filled.

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### 1. Job Description :

We are seeking outstanding applicants for Postdoctoral Fellow positions at QUP in experimental physics. The current experimental program at QUP includes: low-mass dark matter search using superconducting detectors; solar axion search using TES micro calorimeters; axion and hidden-photon search using NV diamond quantum sensors; measurements of Casimir forces and new-force search; development of TES bolometers for future use in space; new applications of machine learning to data in particle physics and cosmology; development of new radiation-hard semiconductor detectors and fast-timing semiconductor detectors; development of analog/digital-mixed signal ASICs using high-speed ADCs for various physics experiments. Successful candidates are expected to work with the QUP principal investigators who lead experimental projects.

◆For details, please refer to <https://academicjobsonline.org/ajo/jobs/28393>  
and <https://academicjobsonline.org/ajo/KEK/QUP>

◆For more information about QUP PI and QUP experimental program, please visit the following website.  
<https://www2.kek.jp/qup/en/>

### 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)

**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/28393>

**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.