

QUP 22-4 Professor

Job No.	QUP 22-4
Title	Professor
Number of Job Opening	1 Person
Inst/Lab	Systemology Support Section. International Center for Quantum-field Measurement Systems for Studies of the Universe and Particles (QUP)
Term	5 years with the contract renewal every fiscal year, with the possibility of further renewal beyond 5 years based upon satisfactory job performance, continuing availability of funds, and ongoing operational needs.
Start of the term	As soon as possible after December 1, 2022 (negotiable)
Appl. Deadline	Applications will be closed as soon as a candidate is selected. (The first selection process will start on November 15.)

Job Description

QUP was established on December 16, 2021, at KEK as one of the research centers under the World Premier International Research Center Initiative (WPI) of the Japanese government.

The successful candidate will be responsible for tasks 1 through 3, as the section leader of the QUP Systemology Support Section.

1. To lead team members in supporting research project start-up (concept study) activities, and to derive best practices for concept studies of research projects.
2. To lead team members to provide systems engineering support for the components of JAXA's LiteBIRD mission for which QUP is responsible, and to lead system safety and mission assurance activities for the components.
3. To utilize the above two opportunities for human development of the QUP Systemology Support Section.

Qualification

1. An applicant should have sufficient knowledge and experience for this position and meet at least one of the following criteria:
 - having a Ph.D. in engineering or a related field, or an equivalent degree,
 - having research achievements as equivalent to the above,
 - having outstanding knowledge and experience in their primary subject.
2. An applicant should have an outstanding record of research and development in at least one of engineering fields, such as mechanical and structural engineering, thermal engineering, guidance and control system, electronics, etc.
3. An applicant should have experience in project development, including system design in charge of either an entire project or a part of a project (e.g., subsystem), and experience in managing a team of several or more people.

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.

Salary

Salary and various allowances are determined according to the KEK rules. (Annual salary system)

Working Hours

Discretionary work system for professional work is applied in principle, and working hours will be deemed as 7 hours and 45 minutes per day.

Application documents (Use A4 size papers (295mm x 210mm or similar size))

1. Curriculum Vitae
2. Statement of Research Interests
3. Publication list
4. Two or more reference letters

How to submit application documents

Applications will only be accepted via [AcademicJobsOnline.org](https://academicjobsonline.org) (<https://academicjobsonline.org/ajo/jobs/22514>). Applicants should submit curriculum vitae (with an email address and citizenship), a statement of research interests, and a list of publications. Applicants should also ensure that at least two letters of reference are submitted on their behalf via [AcademicJobsOnline.org](https://academicjobsonline.org).

For more information: please contact

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

Others

- 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.