

Job Opening: Researcher for Grant-in-Aid for Transformative Research Areas (A) “Unveiling, Design, and Development of Asymmetric Quantum Matters”

Title	Research Position
Number of Job Opening	One person
Inst/Group	Synchrotron Radiation Science Division 1, in Institute of Materials Structure Science (IMSS)
Term	Up to the end of March 2028 with the contract renewed every year. The contract update is determined by the following: (1)Work performance, Work attitude (2)Ability of workers (3)Amount of work at the expiration contract period (4)The need for business (5)Situation of budget
Start of the term	As early as possible after the hiring decision is made and before April 1, 2025.
Place of employment	〒 305-0801 Ibaraki 1-1 Oho, Tsukuba-shi, High Energy Accelerator Research Organization, Tsukuba campus
Appl. Deadline	by July 12, 2024, Japan time

Job Description

The position is dedicated to Planned Research A01 “Probing Microscopic Properties of Asymmetric Quantum Matters through Quantum Beam Analysis” in [Grant-in-Aid for Transformative Research Areas \(A\) project “Unveiling, Design, and Development of Asymmetric Quantum Matters”](#). Especially, in cooperation with Prof. Hironori Nakao of IMSS and Prof. Kazuaki Iwasa of Ibaraki University in the A01, the successful candidate will promote research to visualize the order and fluctuation of the electronic degrees of freedom in asymmetric quantum matters, which is an origin of physical properties and functions, using quantum beams mainly utilizing synchrotron radiation and neutrons.

Qualification

Applicant must have a Ph.D. obtained at the time of application, or is sure to get Ph.D. prior to starting the job at KEK.

Method of Selection

Selection is made based on the submitted documents and interviews.

Salary

Expected salary range is about 4,000,000~5,000,000 JPY per year.

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

Working Hours

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

Please submit

- 1) Curriculum vitae (academic background, employment history, awards received, e-mail address, possible start date)
- 2) List of publications (academic papers, review articles, books, patents)
- 3) Research overview and results to date (approximately 1,000 to 2,000 words)
- 4) Plans and aspirations for future research (approximately 1,000 to 2,000 words)
- 5) Names, the position, and contact information (e-mail) of two people who can hear their findings about the applicant

How to submit application documents:

- Please submit application documents using our Web system.
- Since we will issue you your own URL, please send e-mail to hironori.nakao@kek.jp. (Please write “[Researcher 24-5]” in the email subject and write your name, current position, and phone number in the body of the email.)
- We accept only PDF files.
- If you cannot use our web system, please contact us by e-mail. We cannot accept submissions by e-mail with attached application documents.

For more information:

Please contact Hironori Nakao

E-mail: hironori.nakao@kek.jp

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.

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.
- 2) An option for working at home is available to improve work-life balance or to cope with exceptional working environment.