

## **ARL21-5 Associate Professor or Assistant Professor**

Job No.	ARL21-5
Title	Associate Professor or Assistant Professor
Number of Job Opening	1 Person
Inst/Lab	Applied Research Laboratory
Term	No term Limit until 63
Start of the term	As early as possible after acceptance is notified
Appl. Deadline	Application due date (to reach KEK) is before noon on Friday October 15, 2021 (JST).

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### **Job Description**

The Applied Research Laboratory (ARL) seeks applicants for Associate Professor or Assistant Professor position belonging either (1) Radiation science center, (2) Computing research center, (3) Cryogenic Science center or (4) Mechanical engineering center, to work in the following (1)–(4) fields. She/He for associate Professor is also expected to play a major role in both operations and researches;

- (1) Radiation physics, radiation chemistry or radiation engineering related to accelerator health physics. The successful candidate is expected to play a role in researches concerning radiation protection related to accelerators as a professional in the field of high energy accelerator radiation safety. She/He is also expected to take part in the radiation safety control in the KEK Tsukuba/Tokai site as a regional radiation safety officer of the radiation control area. The applicant without the Japanese first class certification as a supervisor of radiation protection is requested to obtain the qualification in the earliest chance.
- (2) Computational science related to accelerator science, which includes the development of distributed computing, computer simulation, data acquisition, and data analysis method. The successful candidate is also expected to play a role in supporting, designing, operating, and improving the ICT systems at KEK.
- (3) Applied superconducting magnet technologies and/or cryogenic engineering in the projects and/or future science programs that are carried out at KEK. He/she will be required to get national licenses for the “High pressure gas” system operation and maintenance, soon after his/her successful position started at KEK.
- (4) Mechanical engineering in the projects carried out at KEK and advanced and fundamental mechanical engineering for future science programs. The successful candidate is expected to take a role of research and development works in mechanical engineering field related to research project and/or collaborative research program carried out in KEK.

### **Qualification**

Candidates must have sufficient research and educational skills.

Only female applicants are considered. (This job opening is intended to improve gender balance of faculty members at ARL, following the Article 8 of the Gender Equality in Employment Act.)

### **Method of Selection**

After reviewing the application, candidates will be required to go through an interview.

The date of the interview will be indicated on the web when it is fixed.

(We will inform of the interview day at a late day only to the applicants who passed our documentary screening.)

### **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 and working hours will be deemed as 7 hours and 45 minutes per day.

### **Please submit** (Please use A4 size papers (297mm x 210mm or similar size))

#### 1) Curriculum vitae ([Designated form of KEK](#))

\* Please be sure to write the job number ARL21-5, and the possible date you would be able to start the job at the Applied Research Laboratory. Please write your birth date as well.

\* If you apply for more than one job openings in KEK, please indicate all the job numbers you apply for and your priorities in your CV.

#### 2) Research experience

#### 3) Publication list

**(Indicate important papers (up to 5) in the publication list and provide Web pointers (URL, DOI etc.) or attach reprints for those important papers.)**

#### 4) Research plan at Applied Research Laboratory in KEK with choosing either above listed (1)-(4) center

#### 5) Recommendation or reference letter(s)

(Recommendation or reference letter(s) must be addressed to Dr. NAMITO Yoshihito, Director of Applied Research Laboratory attention to Personnel Affairs Unit 1 of KEK.)

### **Notes**

#### 1) Application documents

\* Please submit application documents by using our Web system.

\* Since we will issue your own password, please send an e-mail to [jinji1@ml.post.kek.jp](mailto:jinji1@ml.post.kek.jp).

(Please write "ARL21-5" in the email subject and write your name, current position, and phone number in the body of the e-mail.)

\* 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 attached with application documents.

2) Recommendation or reference letter(s)

\* We accept PDF file of recommendation or reference letter(s) to [jinji1@ml.post.kek.jp](mailto:jinji1@ml.post.kek.jp) by email.

(Please write "Recommendation for ARL21-5" to the e-mail subject.)

\* We accept paper of recommendation or reference letter(s) by post mail as well.

Post mail to: Personnel Affairs Unit 1, KEK

1-1 Oho, Tsukuba, Ibaraki 305-0801, Japan

**(Attention) We may not be able to receive your e-mail for various reasons.**

**If there is no reply within a few days, please try a different email address or apply by post mail.**

**For more information: please contact**

Dr. NAMITO Yoshihito, Director of Applied Research Laboratory.

TEL:+81 29-864-5451 E-mail: [yoshihito.namito@kek.jp](mailto:yoshihito.namito@kek.jp)

**Others**

1) KEK is promoting gender equality. In accordance with the intent of "Basic Act for Gender Equal Society".

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

[Go to KEK Job Opportunities](#)