IPNS23-2 Assistant Professor

Job No.  IPNS23-2
Title  Assistant Professor
Number to be admitted  A few positions
Inst/Lab  Institute of Particle and Nuclear Studies (IPNS)
Term  Up to the end of March 2029 with the contract renewed every Japanese fiscal year
Start of the term  As early as possible after September 1st, 2023
Appl. Deadline  The deadline to reach KEK is at noon on Tuesday July 4, 2023 (JST)

Job Description
The successful candidate will work in the joint international research, "Promotion of muon particle physics in an international framework (P.I.; S.Mihara)". The candidates will be involved in research on muon beam generation, transport, cooling, and acceleration as well as related detector development for muon particle physics experiments. At least 6 months of the research period will be spent at an overseas research institute where muon research is being conducted. The workplace will be the Tokai campus.

Qualification
Applicants must have good skills in research and education, and must demonstrate capabilities to carrying out the described jobs. A Ph. D in physics obtained within the 8 years from the time of arrival is required. Periods of prenatal, postnatal, and parental leave will be considered.

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 announced through the web when it is determined, and will also be separately communicated to the applicants who will be interviewed. Online interview may be conducted depending on the situation.

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  (Use the designated form of KEK)
   * CV should include the job number IPNS23-2, e-mail address, your date of birth, and the possible date you can start working at IPNS in addition to standard information of CV.
   * 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) Publications list
   (Indicate up to 5 important papers in the publication list. Provide Web pointers (URL, DOI etc.) for the important papers. Attach reprints when Web pointers are not available.)
4) Research plan
5) Contact information for two persons whose opinions we may ask for (please include e-mail addresses)

How to submit application documents
1) Application documents
   * Submit the documents through the KEK Web application system.
   * To receive your own password to upload the documents, send an e-mail to inji1@ml.post.kek.jp with job number "IPNS23-2" in the Subject and with your name, current position and phone number in the text of the email.)
   * We accept PDF files only.
   * If you cannot use our web system, please contact us by e-mail directly.
   * We do not accept submission of the documents in an e-mail attachment.
   (Attention) We may not be able to receive your e-mail for various reasons. If there is no reply from us within a few days, please try a different email address or apply by post mail.

For more information: please contact
[Contact person]
Prof. MIHARA Satoshi, Institute of Particle and Nuclear Studies
E-mail: satoshi.mihara@kek.jp

[Persons in charge of each experiment]
Muon to electron conversion search experiment. Development of highly intense muon beam generation and transport:
Prof. MIHARA Satoshi, Institute of Particle and Nuclear Studies, E-mail: satoshi.mihara@kek.jp
Muon g-2/EDM experiment. Development of muon cooling and acceleration:
Prof. MIBE Tsutomu, Institute of Particle and Nuclear Studies, E-mail: tsutomu.mibe@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.

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