

**(Job opening KMI-2023-2)**

**Flavor Physics International Research Center (FlaP)**

**The Kobayashi-Maskawa Institute for the Origin of Particles and the Universe (KMI)**

**Nagoya University**

**Nagoya, Japan**

<http://www.kmi.nagoya-u.ac.jp/eng/>

The Kobayashi-Maskawa Institute for the Origin of Particles and the Universe, (KMI), Nagoya University, was founded in 2010 in order to solve the fundamental mysteries of elementary particle physics and the universe and to develop a new frontier in physics by the collaboration between theoretical particle physics groups, experimental particle physics groups, cosmology and theoretical astrophysics groups, experimental astrophysics groups, and mathematical physics groups including string theorists.

The Kobayashi-Maskawa Institute for the Origin of Particles and the Universe (KMI) has launched the Flavor Physics International Research Center (FlaP) in April 2023, in order to promote international research and education on flavor physics, which is expected to make great progress in the 2020s. The “Tau-lepton Physics Research Center” in the graduate school of science has been developed and dissolved to join FlaP. The overview of KMI and FlaP and members can be found at <http://www.kmi.nagoya-u.ac.jp/>.

### **Minimum Qualifications**

- 1) Doctoral degree in Physics
- 2) The successful candidate will be expected to collaborate with researchers in the KMI Flavor Physics International Research Center (FlaP) and promote the experimental research on flavor physics (high precision and sensitivity measurements for B/tau decays, top, Higgs, muon, neutrino, and neutrons) and/or related future researches (R&D for instrumentation and data analysis technique, etc.). The successful candidate is also expected to participate widely in the activities in cooperation with other groups in KMI including theory and also administrative duties for KMI and FlaP (organization of seminars, workshops and conferences, outreach, etc.).
- 3) Excellent research experience in the relevant fields

### **Term**

Earliest possible date after the selection to March 31, 2028.

## **Salary**

Confirming to the rules of Tokai National Higher Education and Research System.

## **Application Requirements**

- 1) Cover letter
- 2) Full curriculum vitae—please include country of citizenship
- 3) Summary of research experience
- 4) List of all publications and copies of up to three
- 5) Statement of future research projects and engagement in management tasks
- 6) Position to be applied (designated Associate or Assistant Professor) and Indication of the date available to start
- 7) Declaration of applicable specific categories (see Others 4) for downloading the form)
- 8) Two letters of professional recommendation—written within a year of this application—with the referee’s Name, Title, Name of Organization, Length and Relationship with the applicant, and Contact details included (note: we may conduct reference checks for candidates)

The pdf files of 1) - 8) in Application Requirements should be uploaded via Academic Jobs Online; <https://academicjobsonline.org/ajo/jobs/25041>

Application documents can be either in English or Japanese.

## **Contact**

Toru Iijima (ijijima@hepl.phys.nagoya-u.ac.jp), Chair of the Flavor Physics International Research Center (in English or Japanese Language)

## **Application deadline**

August 16, 2023

## **Others**

- 1) Nagoya University is an equal-opportunity employer. Applicants from female and non-Japanese researchers are encouraged.
- 2) Submitted information will be used only for the purpose of this selection.
- 3) KMI will not bear your travel expenses to Nagoya University for any reason during this selection.
- 4) In November 2021, in accordance with the clarification of the scope of control for “deemed exports”

under the Foreign Exchange and Foreign Trade Act (“FEFTA”), some provision of sensitive technology to faculty members and students by universities and research institutions has become subject to control under the FEFTA. Consistently with this change, when applying for faculty positions or to study at the University, faculty, staff, and students will be required to submit a “Declaration of applicable specific categories” based on the “Flowchart for determining applicable specific categories.” Faculty, staff, and some students will also be required to submit a “Letter of confirmation” at the time of their recruitment or admission. The form can be downloaded via the following URL;

<https://nuss.nagoya-u.ac.jp/s/yN4CqRgjKnDeJwa>