

(Job opening KMI-2025-1)
Designated Assistant Professor
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 overview of KMI and FlaP and members can be found at <http://www.kmi.nagoya-u.ac.jp/>.

Position

Designated Assistant Professor

Employer

Tokai National Higher Education and Research System

Job Description

(Immediately after employment)

The successful candidate will be expected to collaborate with researchers in the KMI Flavor Physics International Research Center (FlaP) to work on cross-disciplinary research on the application of machine-learning & AI techniques to researches on flavor physics (high precision and sensitivity measurements for B/tau decays, top, Higgs, muon, neutrino, neutrons as well as theoretical studies). 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.).

(Scope of change)

Work specified by Tokai National Higher Education and Research System

Location

(Immediately after employment)

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

(Scope of change)

Work space designated by Tokai National Higher Education and Research System

Minimum Qualifications

- 1) Doctoral degree in Physics
- 2) Excellent research experience in the relevant fields

Term

Earliest possible date after the selection to March 31, 2026.

Recruitment is on an annual salary system, with the possibility of renewal depending on work evaluation, etc. (*Please consult with us directly regarding this matter.)

Total contract period: Up to March 31, 2028.

Salary, insurance etc.

- Confirming to the rules of Tokai National Higher Education and Research System (in Japanese);
https://education.joureikun.jp/thers_ac/act/frame/frame110010928.htm
https://education.joureikun.jp/thers_ac/act/frame/frame110000191.htm
- Under the discretionary labor system for specialized work, employees are considered to have worked 7 hours and 45 minutes per day.
- Holidays: Saturdays, Sundays, national holidays, and year-end and New Year holidays (December 29-January 3)
- Social insurance: Mutual Aid Association (health insurance), welfare pension, employment insurance and workers' compensation insurance.
- Passive smoking prevention measures: Smoking is basically prohibited on campus.

Application Requirements (must be written in English)

- 1) Cover letter
- 2) Full curriculum vitae—please include country of citizenship
- 3) Summary of research experience
- 4) List of all publications and links to the major publications (up to three)
- 5) Statement of future research projects and engagement in management tasks
- 6) 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. The pdf files of 8) should be submitted directly by the referees.

Address for submission; <https://academicjobsonline.org/ajo/jobs/30011>

Application documents must be written in English.

Contact

Toru Iijima (ijijima@hepl.phys.nagoya-u.ac.jp),
Chair of the Flavor Physics International Research Center,
Director of KMI

Application deadline

June 30 (Monday), 2025

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>