

(Job opening KMI-2024-4)
Non-Japanese Associate Professor
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) has opened a position for a non-Japanese associate professor. The overview of KMI can be found at <http://www.kmi.nagoya-u.ac.jp/>.

Minimum Qualifications

- 1) Doctoral degree in Physics
- 2) Excellent research experience in the relevant fields
- 3) Fluent language capability in English
- 4) Sufficient record of being educated and carrying out research and education outside of Japan

About KMI

KMI was established in 2010 to build an interdisciplinary research base for particle physics and astrophysics research at Nagoya University. At present, KMI researchers lead the world in theoretical research beyond the Standard Model of particle physics. In addition, KMI researchers play a central role in international experimental collaborations seeking new physics, such as the LHC-ATLAS, Super B Factory, Super- and Hyper-Kamiokande, XENON, Cherenkov Telescope Array, and XRISM. KMI brings together and stimulates cooperation among the human resources who research through various methods, such as theoretical research, accelerator experiments, and space observation. KMI aims to be a research organization with dynamism only possible at Nagoya University.

Job Description

(Immediately after employment)

KMI comprises several research groups in particle physics, astro-particle physics, cosmology, and related fields. The successful candidate is expected to collaborate with researchers in the KMI to conduct world-leading research in the relevant fields and to develop interdisciplinary areas across the fields. The candidate is expected to develop a technical core such as AI/Machine Learning, quantum computing, and/or advanced detector technology, to lead future cutting-edge KMI science. The candidate is also

expected to contribute to strengthening KMI as an worldwide research hub by enhancing international research network based on his/her own research experiences, and to contribute to administrative duties for operations of KMI (organization of seminars, workshops and conferences, outreach, etc.).

(Scope of change)

Work specified by Tokai National Higher Education and Research System

Position

Associate Professor

Term

The initial term of the position is 4 years after the start of employment. The position will be converted to a full faculty position with no term upon successful evaluation conducted during the third year.

The faculty position will be terminated at the end of the Japanese fiscal year after one becomes 65 years old.

Location

(Immediately after employment)

Kobayashi-Maskawa Institute for the Origin of Particles and the Universe (Higashiyama campus, Nagoya University)

(Scope of change)

Work space designated by Tokai National Higher Education and Research System

Salary

Conforming 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 prominent ones
- 5) Statement of future research projects. Please include a description of how you can contribute to developing interdisciplinary areas in KMI, strengthening KMI as an international research hub, and also to operations of KMI.

- 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; <https://academicjobsonline.org/ajo/jobs/28853>

Application documents can be either in English or Japanese.

Contact

Toru Iijima (ijijima@hepl.phys.nagoya-u.ac.jp), Director of KMI. Please contact in English or Japanese language.

Application deadline

November 18 (Mon.), 2024 for full consideration in the selection which will start from November 19. Applications may be considered till December 31, 2024, if the position still remains open.

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>