

JOB VACANCY ANNOUNCEMENT

Assistant Professor, National Astronomical Observatory of Japan (NAOJ)

The National Astronomical Observatory of Japan (NAOJ) has a position open for assistant professor who will lead research and development for optical and infrared astronomy and instrumentation. We expect applications from scientists and engineering scientists who are willing to actively take on new challenges in this field.

1. Job Title:

Assistant Professor, one position

2. Division and Location:

The Subaru Telescope, NAOJ, 650 North A`ohoku Place, Hilo, Hawaii 96720, USA

3. Area of Expertise:

Optical and infrared astronomy and instrumentation

4. Job Description:

NAOJ has been playing a key role in the forefront of astronomical research worldwide, as demonstrated in the construction and operation of large-scale astronomical facilities such as Subaru Telescope, ALMA, and TMT (Thirty-Meter Telescope) as well as in the development of space-based instruments. The Subaru Telescope is an 8.2m optical and infrared telescope located atop of Maunakea, Hawaii. Its wide-field observation capability with excellent imaging quality makes it one of the most scientifically productive ground-based telescopes in the world.

The Prime-Focus Spectrograph (PFS) is an upcoming key instrument, which enhances wide-field capability of the Subaru Telescope. It is a fiber-fed, multi-object spectrograph that enables us to take spectra of about 2400 objects in $\Phi 1.3^\circ$ field-of-view simultaneously in the wavelength ranging between 0.38 and 1.26 μm . The PFS has been developed by an international collaboration led by Kavli IPMU.

We invite applications for an assistant professor position at Subaru Telescope. A successful candidate for this position is expected to continuously demonstrate leadership and outstanding performance in 1) leading acceptance process, establishing stable operation and maximizing the performance of the PFS, 2) exploring extending the capability of the PFS, and 3) promoting research activities on related science fields. In addition to these main roles, the successful candidate is also expected to foster internal collaborations among NAOJ scientists and engineers

to stimulate productivity of science and development, lead and contribute to research and development in instrumentation for future astronomical programs after the PFS has commissioned.

It is required that applicants have experience and skills in the field of optical and infrared astronomy and instrumentation, and systems engineering. It is preferable to have experience of developing astronomical spectrograph or international collaborations for instrumentation.

5. Terms of Appointment:

The successful candidate should be able to start working at NAOJ as soon as possible after the job offer has been accepted. The term of the contract will continue up to the end of the Japanese academic year in which the faculty reaches NAOJ's mandatory retirement age of 65. The probation period of 6 months is included. A review for the continuation of employment as an assistant professor will occur during the fifth year. In case that the review may result that the successful candidate couldn't have fulfilled duties as an assistant professor enough, the successful candidate would be requested to transfer to another position within NAOJ.

6. Qualifications:

- (1) Minimum Educational Requirement: Ph.D. or equivalent; and
- (2) Other Requirements: To have sufficient English language proficiency to take part in scientific/technical discussions in face-to-face meetings, video conferences and teleconferences.

7. Required Application Materials (all materials should be written in English. Any other language will not be accepted.):

- (1) A cover letter,
- (2) A curriculum vitae,
- (3) Publications list (Separate refereed and non-refereed papers. SPIE and COSPAR can be included in refereed papers.),
- (4) A summary of your past research activities including international collaborations,
- (5) Your commitment and plan to fulfill the duties,
- (6) Your address (e-mail and phone) for prompt contact, and the email address of your current supervisor or line manager.
- (7) Three or more reference letters (must be included one letter from your residential country and one from outside your residential country). The reference letters should be written by faculty/staff with tenured positions who are not your current supervisor or line manager. Please ask your references to upload the letters directly to an NAOJ job application system

shown in 9 before the deadline. Applicants are responsible for ensuring that the letters arrive before the application deadline.

8. Application Deadline:

Jan. 14, 2021, 17:00 (Japan Standard Time)

9. Submission:

NAOJ Job Application System:

Applicants are required to apply via the NAOJ job application system on the web:

<https://jobregister.nao.ac.jp/>

Please fill out the form on the website and upload the documents specified in the application form. We recommend that the applicants obtain their applicant IDs and reference IDs from the application system in advance. Reference letters should be uploaded by persons who have written the letter for you directly, following the instruction shown on the application form. Each reference will need a reference ID and password to upload their letter to the system. The applicants will be expected to provide these to the references.

File Size:

The application documents should be converted to PDF (max 50MB each, 100MB in total, at most 10 files).

Questions:

If you have any question related to the job description, contact;

E-mail: takato_AT_naoj.org (replace _AT_ with @)

Professor Naruhisa Takato, *Director of PFS Project, Subaru Telescope, NAOJ*,

Subject of e-mail: "Question on JD of Assistant Professor at Subaru Telescope, NAOJ"

If you have any question related to the application system or other items, contact;

E-mail: JobRegister-contact-10_AT_nao.ac.jp (replace _AT_ with @)

Subject of e-mail: "Question on Assistant Professor at Subaru Telescope, NAOJ"

10. Remarks:

- The NAOJ Advisory Committee for Research and Management will make the final decision for the appointment.
- Candidates selected in the final short list may be interviewed by the selection committee either via internet or face-to-face. The expense for the interview will not be covered by NAOJ.
- NINS Employee Regulations (NINS, or the National Institutes of Natural Sciences, is an executive institute that manages NAOJ) shall be applied to this position.
- The successful candidate will be employed under the scheme of the annual salary system of

NAOJ and will be paid monthly in 12 equal payments. Retirement Allowance shall be paid.

- Policy for Equal Employment Opportunity: Abiding by the Equal Employment Opportunity Act for Men and Women, NAOJ is committed to the realization of a society with gender equality. If two candidates are deemed equal in their performance evaluation, NAOJ will take positive action to employ women. For details, see <https://www2.nao.ac.jp/~open-info/gender-equality/> (currently in Japanese only).
- Smoking is prohibited on the premises excluding designated outdoor smoking areas.
- Information submitted in your application documents will not be used for any purpose other than the selection process and for contacting you with necessary notices in connection with the selection. Once the selection process is complete, we will securely dispose of all application documents and personal information, except for those submitted by the successful candidate.