

JOB VACANCY ANNOUNCEMENT

National Astronomical Observatory of Japan (NAOJ) invites applications for the position of a Project Associate Professor or Project Assistant Professor (1 position).

1. Job Title: Project Associate Professor or Project Assistant Professor, one position
2. Division and Location: Nobeyama Radio Observatory, Minamimaki, Minamisaku, Nagano, Japan
(Scope of Possible changes in work location) Place determined by NINS/NAOJ
3. Area of Expertise: Astronomy, Physics, and Engineering.
4. Job Description:

The National Astronomical Observatory of Japan (NAOJ) has been playing a leading role at the forefront of global astronomical research, as demonstrated in the construction and operation of large-scale astronomical facilities such as the Subaru Telescope, ALMA, and TMT (Thirty-Meter Telescope) and the development of space-based instruments such as the Hinode Satellite for solar observation and strives to promote cutting-edge astronomy utilizing these advanced telescopes. Established in 1982, the Nobeyama Radio Observatory (NRO), a branch of NAOJ, has pioneered millimeter-wave radio astronomy in Japan, whose success led to the international millimeter/submillimeter radio telescope project "ALMA." The 45m telescope operated by NRO is one of the largest millimeter telescopes in the world and is still a very productive instrument , producing ~35 papers a year using state-of-the-art receivers such as FOREST. In order to continue providing the world's most efficient capability for large-scale mapping and line surveys in the 3-7 mm wavelength range, the development of 7BEE [70-116 GHz] and eQ [30-50 GHz] receivers is now underway, with capabilities equivalent to the WSU (Wide Sensitivity Upgrade) receivers of ALMA2.

We invite applications for one Project Associate Professor or Project Assistant Professor who is based in Nobeyama, and whose primary mission is to realize high-impact science using the 45m telescope and to contribute to the operation of the observatory.

The successful candidate will be expected to carry out her/his own active research based on radio astronomy by forming a research group and acquiring her/his own research/development budget. In addition, the candidate will be also expected to promote the 45m telescope to both national and international community to increase its use. The efficient operation of the observatory is the key for the future, and it must be realized by close cooperation among the candidate and other staff including the director and engineers in NRO and NAOJ. For this point of view, the candidate will be expected to contribute to the observatory operation as a member of the team as well as a manager of one or more of

the following divisions: the commissioning and science verification activities for 45 m telescope, the science operations of the 45 m telescope, computing system, or public relation activities in the observatory. The candidate will be also expected to join discussion of the future plan including the Nobeyama 45m telescope, ASTE and Mizusawa VLBI Observatory with her/his own viewpoint and interest.

To fulfill the responsibility, the applicant is expected to have a good knowledge of radio astronomy. Skills in team management are desired. Experience in operation, commissioning of single-dish radio telescopes, and development is preferred.

(Scope of Possible change in job description) As determined by NINS/NAOJ

5. Terms of Appointment:

The successful candidate should be able to start as soon as reasonably possible after the job offer has been accepted. The term is for five (5) years, including the probation period of six (6) months. Annual performance review will be conducted.

*If the employee was a fixed-term employee of NINS within 6 months prior to assuming the position, the contract term will be set so that the total fixed-term employment period does not exceed 10 years.

(Renewal of Contract) Contract will not be renewed.

6. Qualification Requirements:

- (1) Minimum Educational Requirement: Ph.D. or equivalent;
- (2) Other Requirement: Internationally recognized research records or technical achievement and a good command of English.

7. Labor Conditions:

(1) Work Type and Work Hours:

The Discretionary Labor System for Professional Work shall be applied. (Standard work hours: 38.75 hrs/week, from 8:30 to 17:15 with an hour intermission)

(2) Holidays:

Saturdays and Sundays, National Holidays, New Year holidays (December 29th – January 3rd), Paid days off (annual leave, refreshment leave, etc.)

(3) Social Insurances:

MEXT Mutual Aid Association (health insurance), Employee's Pension Insurance, Employment Insurance, Industrial Accident Compensation Insurance

(4) Remuneration:

Salary: The amount of annual salary shall be determined based on the school career and

job experiences in accordance with the NINS regulations, equivalent to an associate professor or assistant professor position (Depends on the position you are hired). The payment will be made monthly in 12 equivalents.

Allowances: Commuting expenses (up to 55,000 JPY per month) will be provided.

Retirement allowances are not provided.

(5) Others:

- Smoking is prohibited on the premises excluding designated outdoor smoking areas.
- Travel and relocation costs to NAOJ will be covered, subject to the travel regulations on NINS (details must be arranged with the administration office).

8. Required Application Materials: (*To be prepared in English. Any other language will not be accepted.)

- (1) A cover letter addressing your interest in the position;
- (2) A curriculum vitae;
- (3) Publications list (Separate refereed and non-refereed papers. SPIE can be included in refereed papers);
- (4) A summary of your past research activities including international collaboration;
- (5) Your commitment and plan to fulfill the duties (including your research plan as needed);
- (6) Your address (e-mail and phone) for prompt contact and the email address of your current supervisor or line manager; and
- (7) Two or more reference letters. Note that your current supervisor or line manager cannot be your reference. Reference letters should be written by faculty/staff with tenured positions. Reference letters from multiple countries are preferred. Please ask your references to upload their letters directly using the URL(b) indicated in 10. before the application deadline. Applicants are responsible for ensuring that the letters are submitted before the application deadline.

9. Application Deadline: January 30, 2025, (noon)(Japan Standard Time)

10. Submission:

Please access the following URL for registration:

<https://forms.office.com/r/Da92kzCV3X>

After you submit the registration form, you will receive an email showing the URLs for (a) uploading your application documents and (b) for your reference letters.

- Please upload the application documents (from 8. (1) through 8. (6) via the URL (a). These files must be in PDF format (max 50MB each, 100MB in total, at most 10 files).
- Please ask your references (8. (7)) to upload their letters via the URL (b).

If you have any question related to the job description, contact;
E-mail address: atsushi.nishimura_AT_nao.ac.jp (replace _AT_ with @)
Prof. Atsushi Nishimura, Director of Nobeyama Radio Observatory, NAOJ,
Subject of e-mail: “Question on JD of Project Associate Professor of Nobeyama Radio Observatory”

If you have any question related to the job application system or other items, contact:
E-mail: job15-naoj-prf_AT_nao.ac.jp (replace _AT_ with @)
Subject of e-mail: “Question on Project Associate Professor of Nobeyama Radio Observatory”

11. Notes for application:

The application documents should be converted to PDF (max 50MB each, 100MB in total, at most 10 files). Candidates selected in the final short list may be interviewed by the selection committee either via video conference or face-to-face. The interview will be held in the same manner for all candidates. The expense for the interview will not be covered by NAOJ.

12. Remarks:

The NAOJ Advisory Committee for Research and Management will make the final decision for the appointment.

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. If you have taken a leave(s) such as for maternity, childcare, and/or family care, please indicate it in your curriculum vitae. We will consider it when assessing your performance. For details, see

<https://www2.nao.ac.jp/~open-info/gender-equality/en/>

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.