

## **JOB VACANCY ANNOUNCEMENT**

### **-Project Assistant Professor, National Astronomical Observatory of Japan (NAOJ) -**

NAOJ invites applications for a project assistant professor position as follows:

1. Job Title: Project Assistant Professor, one position
2. Division and Location: Mizusawa VLBI Observatory, Mizusawa, Iwate (Japan)
3. Area of Expertise: Observational study of black hole with VLBI (Very Long Baseline Interferometry)
4. Job Description:

Mizusawa VLBI Observatory of The National Astronomical Observatory of Japan (NAOJ) has been playing a key role for cutting-edge astronomy research using VLBI (Very Long Baseline Interferometry). We have been promoting investigations of astronomical masers as well as 3-D structure of the Galaxy using the VERA (VLBI Exploration of Radio Astrometry) array in collaboration with VLBI community in Japan, and we have been promoting researches on black holes and jets using EAVN (East Asian VLBI Network) as well as EHT (Event Horizon Telescope) via international collaborations.

We invite a project assistant professor who will conduct black hole research mainly based on international collaboration such as EAVN and/or EHT. Additionally, the successful candidate will be asked to contribute to VLBI-related activities at the observatory, including performance evaluation of VLBI array and/or instruments, development of analysis software, supporting open use operation, and so on. In addition, since this position is mainly funded by a crowdfunding conducted in 2022 to support black hole research, the successful candidate is asked to contribute public outreach to disseminate science outputs to crowdfunding supporters as well as the general public. It is expected that about half of the working time will be devoted to individual science activities related to black hole research.

5. Terms of Appointment:

The term is for three years, with no possibility of extension. The nominal starting date is April 1, 2023, but it is negotiable. In case that the successful candidate was a NINS employee (NINS, or the National Institutes of Natural Sciences, is an executive institute that manages NAOJ) within six months retroactively from the starting date, the term will be set so that the total employment period does not exceed ten years.

Probation period: six months

6. Qualifications:

Minimum Educational Requirement: Ph.D. or equivalent in astronomy

Good Japanese communication skill is desirable for outreach activity

7. Required Application Materials: (\*To be prepared in English. Any other languages will not be accepted.)

- (1) Cover letter
- (2) Curriculum vitae
- (3) Publications list (Separate refereed and non-refereed papers)
- (4) Summary of your past research activities
- (5) Your commitment and plan to fulfill the duties (including your research plan)
- (6) Your address (e-mail and phone) for prompt contact and the e-mail address of your current

supervisor or line manager, and

- (7) Two reference letters. Please ask your references to upload their letters to the URL shown in 9. before the application deadline. Applicants are responsible for ensuring that the letters arrive before the application deadline.

8. Application Deadline: 2023-Jan-27, 12:00 (noon) (Japan Standard Time)

9. Submission:

Applicants are required to apply via the NAOJ Nextcloud on the web. Please access the application form at the following URL:

<https://forms.office.com/r/HTuBq7HuNe>

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

After you get the URL(a) for your application documents, please upload the files corresponding to the documents (1) through (6) stated in 7. These files must be in PDF format (max 50MB each, 100MB in total, at most 10 files).

Please ask your references to upload their letters via the URL(b) you receive for this purpose.

If you have any questions related to the job description,

contact E-mail: mareki.honma\_AT\_ao.ac.jp (replace \_AT\_ with @),

Prof. Mareki Honma

Point of Contact for Mizusawa VLBI Observatory, NAOJ

Subject of e-mail: "Question on JD of Project Assistant Professor of NAOJ Mizusawa VLBI Observatory"

If you have any questions related to the job application system or other items, contact,

E-mail address: job16-naoj-pap\_AT\_ao.ac.jp (replace \_AT\_ with @)

Subject of e-mail: "Question on Project Assistant Professor of NAOJ Mizusawa VLBI Observatory"

10. 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), Annual paid leave (20days: to be prorated for the first year), Summer holidays (3 days)

(3) Social Insurances:

MEXT Mutual Aid Association (health insurance), Employees' Pension Insurance, Employment Insurance,

Industrial Accident Compensation Insurance

(4) Remuneration:

Salary: The amount of an annual salary shall be determined based on the school career and job experiences in accordance with the NINS regulations, equivalent to an assistant professor position. 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.

Salary Increase: Once a year in accordance with the performance evaluation

11. Remarks:

- Candidates selected in the final shortlist may be interviewed by the selection committee either via the internet or face-to-face. The expense for the interview will not be covered by NAOJ.
- The NAOJ Advisory Committee for Research and Management will make the final decision for the appointment.
- 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 of NINS (details must be arranged with the administration office).
- 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, child care, and/or family care, please indicate it in your curriculum vitae. We will take it into account when assessing your performance.For further information about NAOJ's efforts to achieve a gender-equal society, 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.

12. Name of recruiter

Inter-University Research Institute Corporation, National Institutes of Natural Sciences (NINS), National Astronomical Observatory of Japan (NAOJ)