

## **JOB VACANCY ANNOUNCEMENT**

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

NAOJ invites applications from researchers for an associate professor position as follows:

1. Job Title: Associate Professor, one position
2. Division and Location: Gravitational Wave Science Project (GWSP), Mitaka Office  
(Scope of possible changes) Location designated by NINS / NAOJ
3. Area of Expertise: Astronomy or Physics
4. Job Description:

The National Astronomical Observatory of Japan (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 as well as in the development of space-based instruments, in the effort to promote cutting-edge astronomy utilizing these advanced telescopes. The NAOJ Gravitational Wave Science Project (GWSP) is a project office to develop gravitational wave astronomy and to contribute to the construction and operation of KAGRA, which is a 3km-scale cryogenic gravitational wave telescope constructed in Kamioka underground, Gifu, Japan, in collaboration with the Institute for Cosmic Ray Research in the University of Tokyo and High Energy Accelerator Research Organization. In addition to KAGRA, the NAOJ GWSP has another important role to develop cutting-edge technologies for next generation GW telescopes by TAMA300 at Mitaka.

We invite applications for an associate professor position in the GWSP. A successful candidate for this position is expected to:

- 1) lead KAGRA's interferometer commissioning and sensitivity improvement,
- 2) lead the research and development of cutting-edge quantum-optics technology by using TAMA300 toward KAGRA's upgrade and future 3<sup>rd</sup> generation GW telescopes,
- 3) Support the management of KAGRA and NAOJ-GWSP.

In addition to the above, a successful candidate will also be involved in a certain amount of work related to student education and organizational management at NAOJ.

As prerequisites for this position, applicants are expected to have a wide range of experience and skills in the field of astronomy or physics, to have leadership and to be able to have good communication in English.

(Scope of possible changes) Research and Teaching Activities designated 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 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 is 6 months.

## 6. Qualifications:

- (1) Minimum Educational Requirement: Ph.D. or equivalent
- (2) Other Requirements: Fluent English communication and experience of experiments

## 7. Required Application Materials in English

- (1) Cover letter;
- (2) Curriculum vitae;
- (3) Publications list (Separate refereed and non-refereed papers);
- (4) Summary of your past research activities including international collaborations;
- (5) Your commitment and plan to fulfill the duties (including your research plans 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 reference letters. Reference letters should be written by faculty/staff with tenured positions. Reference letters from multiple countries are preferred. Please ask your references to upload the letters directly to the URL indicated in 9 before the deadline. Applicants are responsible for ensuring that the letters are submitted before the application deadline.

## 8. Application Deadline: 2025-9-26, 12:00 (noon) (Japan Standard Time)

## 9. Application Instructions:

### 9.1 How to Submit an Application:

Applicants are required to apply via the NAOJ Nextcloud on the web.

- (1) Please access the following URL for registration:  
<https://forms.office.com/r/3TygmQWJCX>
- (2) 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.
- (3) Please ask your references to upload their letters via the URL shown in (2)(b).
- (4) Please upload the application documents (from 7. (1) through (6) above) via the URL (2)(a). These files must be in PDF format (max 50MB each, 100MB in total, at most 10 files).

### 9.2 Contacts:

- (1) If you have any question related to the job description, contact;  
E-mail: takayuki.tomaru\_AT\_nao.ac.jp (replace \_AT\_ with @)  
Professor Tomaru, Takayuki,  
*Director of Gravitational Wave Science Project (GWSP), NAOJ,*  
Subject of e-mail: "Question on JD of Associate Professor of NAOJ-GWSP"
- (2) If you have any question related to the other items, contact,  
E-mail address: job02-associateprof\_AT\_nao.ac.jp (replace \_AT\_ with @)  
Subject of e-mail: "Question on Associate Professor of NAOJ-GWSP"

## 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)

### (3) Paid leave: Annual paid leave (20days: to be prorated for the first year), Refreshment leave (3 days), Summer closure, Bereavement leave, etc.

### (4) Social Insurances:

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

### (5) 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 (NINS, or the National Institutes of Natural Sciences, is an executive institute that manages NAOJ). The payment will be made monthly in 12 equivalents.

**Allowances:** Dependent allowance, residential allowance, commutation allowance, and other allowances will be paid to employees who meet the conditions outlined in the NINS regulations. An amount equivalent to the year-end allowance and diligence allowance will be included in the annual salary.

**Salary Increase:** Once a year in accordance with the performance review

**Retirement Allowance:** Provided

**Travel and relocation:** Eligible employees will be provided with a relocation travel package to NAOJ, subject to the travel regulations of NINS (details must be arranged with the administration office).

## 11. Remarks:

- Candidates selected in the final short list 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 work location may be NAOJ Kamioka branch depending on the situation of the project.
  - The NAOJ Advisory Committee for Research and Management will make the final decision for the appointment.
  - This position is subject to the NINS Employee Regulations. The annual salary schedule indicated in Table (2) of the Research-Education Employee Base Annual Salary shall be applied to this position.
  - 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 consider it 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/>
- 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.

12. Name of recruiter

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