

## **JOB VACANCY ANNOUNCEMENT**

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

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

1. Job Title: Project Assistant Professor, one position
2. Division and Location: Gravitational Wave Science Project (GWSP), Kamioka Branch
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 manage TAMA300 (interferometric gravitational wave test facility with 300m arm-length in NAOJ Mitaka campus), aiming to develop new technologies.

We invite applications for a project assistant professor position in the GWSP. A successful candidate for this position is expected to:

- 1) lead the construction and operation of control system for KAGRA vibration isolation systems;
- 2) lead the noise hunting and sensitivity improvement for KAGRA;
- 3) contribute KAGRA operation and management; and
- 4) work on new technology development for future GW telescopes, or GW data analysis.

Also we require the successful candidate to contribute fostering of young scientists including supervising students in the PhD's program and active collaboration with oversea GW projects, as part of the responsibility.

As prerequisites for this position, applicants are expected to have a wide range of experience and skills in the field of astronomy or physics, and to have leadership for experimental projects.

#### 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. In case that the successful candidate was an National Institutes of Natural Sciences (NINS) employee after 2013 April 1, the term may be set so that the total accumulated terms of the employment does not exceed ten (10) years.

#### 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 or more reference letters. Note that your current supervisor or line manager cannot be your reference. Please ask your references to send their letters as an e-mail attachment to the submission address shown in 9. (2). before the application deadline. Applicants are responsible for ensuring that the letters arrive before the application deadline. (Reference letters should be written by faculty/staff with tenured positions, and no more than one reference letter will be accepted from each country.)

8. Application Deadline: 2021-5-31, 12:00 (noon) (Japan Standard Time)

9. Submission:

- (1) Applicants are required to apply via the NAOJ ownCloud on the web. Please inquire about the URL of the web site for uploading the application documents by email:

E-mail address: apply-GWSP-pap20210531\_AT\_nao.ac.jp (replace \_AT\_ with @)

Subject of e-mail: "About the file upload for Project Assistant Professor of NAOJ GWSP"

Once applicants get the URL, please upload the application documents which should be converted to PDF (max 50MB each, 100MB in total, at most 10 files).

- (2) References are required to send the letter by e-mail to;

E-mail address: apply-GWSP-pap20210531\_AT\_nao.ac.jp (replace \_AT\_ with @)

Subject of e-mail: "Reference letter for Project Assistant Professor of NAOJ GWSP"

- (3) 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 Project Assistant Professor of NAOJ GWSP"

If you have any question related to the other items, contact,

E-mail address: apply-GWSP-pap20210531\_AT\_nao.ac.jp (replace \_AT\_ with @)

Subject of e-mail: "Question on Project Assistant Professor of NAOJ GWSP"

10. Notes for application:

- The application documents should be converted to PDF (max 50MB each, 100MB in total, at most 10 files).
- The file name of application documents should be stated applicants name, applied project and position.
- 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.

#### 11. Remarks:

- The work location may be Mitaka depending on the situation of the project.
- The NAOJ Advisory Committee for Research and Management will make the final decision for the appointment.
- NINS Employee Regulations (NINS 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. Bonus and retirement allowances are not provided.
- 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/danjokyodo/index.html>
- 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.
- 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.