

JOB VACANCY ANNOUNCEMENT

Project Associate Professor, National Astronomical Observatory of Japan (NAOJ)

1. Job Title: Project Associate Professor, one position
2. Division and Location: Okayama Branch, Subaru Telescope, Okayama (Japan)
3. Area of Expertise: Optical and infrared astronomy

4. Job Description:

The Okayama Branch of Subaru Telescope of the National Astronomical Observatory of Japan (NAOJ) has been cooperating with Kyoto University on the development and operation of the “Seimei” 3.8-m telescope. It is responsible for the operation of the open use of the observing time at the telescope and is sharing the work for improving the telescope functionalities including new open-use observing instruments with Kyoto University. In the circumstances that the work on the instruments is shifting from hardware-centered to software-centered, NAOJ has a position open for a project associate professor who will lead research, the development, and the operation work based on the software technology.

The project associate professor will be responsible for the works listed below:

- (1) Promotion of open-use observations at the Seimei telescope that includes support of visiting observers at observation and at data reduction;
- (2) Maintenance / improvement work (implemented in cooperation with Kyoto University) for the observing functionalities of the Seimei telescope that includes,
 - Development of the instrument rotator (Primarily software),
 - Development of remote observing environment (Primarily software),
 - Development of new open-use observing instruments (Primarily software),
 - Maintenance of open-use observing instruments;
- (3) Management of the telescopes of the former Okayama Astrophysical Observatory,
 - Assistance in maintenance of the 188cm telescope and dome,
 - Maintenance of other telescopes accessories;
- (4) Management of chemicals, and maintenance and management of a machine shop.

Note: [(1) and (2) have a potential to work on the weekend, on late-night, or on early-bird shift.]

Scientific research can be conducted, and the percentage will be determined after the adoption.

In order to perform the above duties, the followings are required of the designated project associate professor:

- (1) Having the following technical capabilities,
 - Familiarity with major computer programming languages,
 - Ability to develop software for driving control and data acquisition of observing instruments;
- (2) Excellent research achievements in the field of optical and infrared astronomy.

In addition to these,

- (3) sharing work on weekends, late at night, early in the morning,
 - (4) enough mobility for the ascent and descent of the ladder,
- are required.

The following qualifications and abilities are also required to perform the work. Driver’s license, crane operation license less than 5 tons, slinging work, aerial work vehicle, first class electrician, high pressure gas handling, and cryogen handling. It is desirable, but not mandatory, to have all the above qualifications at the time of arrival at this position. The appointee is asked to obtain

necessary qualifications after the arrival.

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 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. Minimum Academic Requirements:

(1) Ph.D. or equivalent in astronomy or related fields.

7. Required Application Materials: (*To be prepared in English. Any other language 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 plans to fulfill the responsibilities and aspirations for the position (including your research plan),

(6) Your easily reachable contact information (e-mail and phone) and the e-mail address of your current supervisor or line manager,

(7) Three or more reference letters. Note that your current supervisor or line manager cannot be your reference. 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 are submitted before the application deadline (Reference letters should be written by faculty/staff with tenured positions and sent from more than one country).

8. Application Deadline: 2020-05-29, 17:00 (Japan Standard Time)

9. Submission:

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 web and upload the documents specified on the application form. If it takes time to prepare the documents, applicants should be issued an applicant ID and reference IDs 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. Reference IDs and passwords are required to upload reference letters, so please inform references of the issued reference IDs and passwords. The application documents should be converted to PDF (max 50MB each, 100MB in total, at most 10 files).

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

E-mail: hideyuki.izumiura_AT_nao.ac.jp (replace _AT_ with @),

Hideyuki Izumiura, Director of Okayama Branch, Subaru Telescope

Subject of e-mail: "Question on JD of Project Associate Professor at Okayama Branch of Subaru Telescope."

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

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

Subject of e-mail: “Question on Project Associate Professor at Okayama Branch of Subaru Telescope”

10. Notes for application:

- Candidates selected in the final short list may be interviewed by the selection committee either via internet or face-to-face. The expense for travel to the interview will not be covered by NAOJ.
- If the selection committee deems that there is no qualified candidate for this position, it is possible that no one will be selected.

11. Remarks

- The NAOJ Advisory Committee for Research and Management will make the final decision for the appointment.
- This position will be employed under an annual salary system and will receive monthly in 12 equal payments.
- 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 <http://open-info.nao.ac.jp/danjokyodo/>
- 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.