

JOB VACANCY ANNOUNCEMENT

Senior Research Engineer, National Astronomical Observatory of Japan (NAOJ)

1. Job Title: Senior Research Engineer (equivalent to tenured associate professor position), one position.

2. Division and Location: Subaru Telescope (NAOJ), Hilo Hawaii, USA

3. Job description:

The National Astronomical Observatory of Japan (NAOJ) operates the Subaru Telescope, which is an 8.2-meter optical infrared telescope installed atop Mauna Kea, Hawaii, USA.

We invite applications for a Senior Research Engineer at the Subaru Telescope. A successful candidate for this position is expected to: 1) lead and implement short- and medium-long-term maintenance plans and operation plans for the Subaru Telescope and dome (including ancillary equipment) as a member of the technology planning and development office; 2) take the responsibility for the in-house maintenance and repair aiming at future maintenance cost reduction and long-term stable operation, while balancing resources of the observatory and scientific request; and 3) perform maintenance and repair work of the Subaru Telescope and dome as a member of the Telescope Engineering Division.

As qualifications for this position, applicants are expected to have extensive experience and skills in the field of astronomical telescope engineering, leadership ability to carry out the above duties, and English and communication skills necessary to work in international environment. In addition, it is also expected that applicants will use the knowledge obtained through the implementation of the maintenance and repair plans for the Subaru Telescope for the next large telescope project TMT of NAOJ.

4. 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 Japanese academic year in which a Senior Research Engineer reaches NAOJ's mandatory retirement age of 65.

Probation period: 6 months

5. Required qualification:

Master's degree in engineering or related fields, and experience in research and development.

Or a wealth of technical knowledge, expertise, and experience to demonstrate possession of skills to fulfill the job responsibilities specified in "3. Job description".

Knowledge of astronomy is not required.

6. Required Application Materials:

- (1) Cover letter
- (2) Curriculum Vitae including academic (starting from high school)
- (3) Employment history (engineering career to be included. If you have any achievements in a research/development project as a group member, describe your role and contribution in detail.)
- (4) Your commitment and plan to fulfill the duties (including your motivation and vision for applying for this position. A4 or Letter size, about 5 pages.)
- (5) List of research papers or patents (For research papers, peer-reviewed papers should be separated from others. For co-authored papers, roles played by applicant should be specified.)
- (6) PDF copies of research papers or documents that can be used to evaluate the applicant's engineering performance and potential (up to three)
- (7) Names, titles, and e-mail addresses of at least two reference persons
- (8) Your address (e-mail and phone) for a prompt contact
- (9) Reference letters (Not mandatory, please ask the reference persons to send the letter attached to an e-mail to the submission address shown in 8. (1) to arrive before the application deadline.)

7. Application deadline: 2019-10-07, 17:00 (Japan Standard Time)

8. Submission:

- (1) Send your application documents by e-mail to;
E-mail: apply-hawaii-sre20191007_AT_ao.ac.jp (replace _AT_ with @)
Subject of e-mail: "Application for Senior Research Engineer of Subaru Telescope".
- (2) If you have any inquiries, contact;
Prof. Hideki Takami, Director of Engineering
E-mail: apply-hawaii-sre20191007_AT_ao.ac.jp (replace _AT_ with @).
Subject of e-mail:
"Inquiry for Application for Senior Research Engineer of Subaru Telescope"

9. Notes for application:

- (1) Convert each application document (from 6.(1) through 6.(8) above) to PDF files and send by e-mail for application. Do not send your application by postal mail or bring it directly to the office in person.
- (2) Make PDF files with appropriate resolution so that they won't be too large (file size: up to 10 MB).
- (3) Upon receipt of your application, you will receive a confirmation e-mail. If you do not receive any response from NAOJ within 3 working days, please contact;
E-mail: apply-hawaii-sre20191007_AT_ao.ac.jp (replace _AT_ with @)

- (4) Candidates selected in the final short list may be interviewed by the selection committee either via internet or face-to-face. The expense for the interview will not be covered by NAOJ.

10. Remarks

- (1) Your application documents will be used only for the purpose of selection for this position.
- (2) 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/>