

JOB VACANCY ANNOUNCEMENT

- Associate Professor (Senior Lecturer equivalent), National Astronomical Observatory of Japan (NAOJ)

NAOJ has positions open for Associate Professor (Senior Lecturer equivalent) who leads research and development of optical and infrared astronomy and instrumentation. We expect applications from scientists and engineering scientists who are willing to actively take on new challenges in this field.

1. Job Title: Associate Professor (Senior Lecturer equivalent), a few positions
2. Division and Location: The Advanced Technology Center (ATC), NAOJ, Mitaka, Tokyo 181-8588, Japan
3. Area of Expertise: Optical and infrared astronomy and instrumentation, and/or related fields

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 such as Subaru Telescope, ALMA, and TMT (Thirty-Meter Telescope) as well as in the development of space-based instruments such as Hinode Satellite for solar observation, in the effort to promote cutting-edge astronomy utilizing these advanced telescopes. The NAOJ Advanced Technology Center (ATC), the research center for advanced technology development to support these important astronomical programs, has been producing successful results in the development of various astronomical instruments.

We invite applications for Associate Professor (Senior Lecturer equivalent) positions at the ATC. A successful candidate for this position is expected to: 1) pursue research and development of instrumentations in optical and infrared astronomy working closely with the engineers in the ATC, 2) take responsibility in the development of one or some of subsystem(s) or component(s) of the on-going projects in development phase, such as the TMT, the Prime Focus Spectroscopy (PFS) for Subaru Telescope, the Ultra-wide Laser Tomographic Imager and MOS with AO for Transcendent Exploration (ULTIMATE) for Subaru Telescope, and the Japan Astrometry Satellite Mission for INfrared Exploration (JASMINE) based on his/her expertise.

The successful candidate is also expected to work closely with other scientists and engineers in NAOJ to identify and address promising technology areas at the ATC that can exert international competitiveness in large-scale projects in the 2030s.

The important responsibilities of this position require continuous strong will, outstanding ability in research, and communication literacy to foster collaborations among NAOJ scientists and engineers to stimulate productivity of science and development by making the best use of NAOJ's strengths. Fostering of young scientists, engineers and technologists including PhD's students is also required as part of the responsibility. After the employment, the successful candidate may be concurrently assigned another project, such as the TMT or Subaru Telescope, depending on the nature of the work being involved.

As required qualifications for this position, applicants are expected to have a wide range of experience and high skills in the field of optical and infrared astronomical instrumentations, and system design and development following the processes of systems engineering.

5. Terms of Appointment:

The successful candidate should be able to start as soon as possible after the job offer has been accepted. The term of contract is up to the end of the Japanese academic year in which the faculty reaches NAOJ's mandatory retirement age of 65. The probation period of six months is included.

6. Minimum Educational Requirement: Ph.D. or equivalent

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

- (1) A cover letter,
- (2) A curriculum vitae,
- (3) Publications list (Separate refereed and non-refereed papers. List patents too. SPIE and COSPAR can be included in refereed papers.),
- (4) A summary of your past activities including international collaborations,
- (5) Your commitment and plan to fulfill the duties,
- (6) Your address (e-mail and phone) for prompt contact and the email 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 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 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: y.uzawa_AT_nao.ac.jp (replace _AT_ with @)

Professor Uzawa, Yoshinori,

Director of Advanced Technology Center, NAOJ,

Subject of e-mail: “Question on JD of Associate Professor (Senior Lecturer equivalent) at the NAOJ ATC”

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

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

Subject of e-mail: “Question on Associate Professor (Senior Lecturer equivalent) at the NAOJ ATC”

10. Remarks:

- The NAOJ Advisory Committee for Research and Management will make the final decision for the appointment.
- 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.
- NINS Employee Regulations (NINS, or the National Institutes of Natural Sciences, 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. Retirement Allowance shall be paid.
- 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://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.