

JOB VACANCY ANNOUNCEMENT

Associate Professor (Senior Lecturer equivalent), Spectrum Management Office, Public Relations Center, National Astronomical Observatory of Japan (NAOJ)

NAOJ is seeking an Associate Professor (Senior Lecturer equivalent) to pursue activities to protect the radio through optical observation environment which is fundamental to observational astronomy research. We look forward to receiving applications from individual with a keen interest in preserving the astronomy observational environment.

1. Job Title: Associate Professor (Senior Lecturer equivalent), one position
2. Division and Location: Spectrum Management Office, Public Relations Center, NAOJ, Mitaka (Japan)
3. Area of Expertise: Observational Astronomy and/or Wireless Engineering
4. Job Description:

The Spectrum Management Office (hereafter the “office”) was established in the Public Relations Center on April 1, 2019. The primary responsibilities of the office is the protection of the radio observation environment from unwanted man-made radio interference through dialogs with relevant domestic and international organizations first and foremost the Ministry of Internal Affairs and Communications, which is the responsible agency in Japan, and the International Telecommunication Union, which establishes the international rules for allocation of radio frequency resources, with the goal of promoting the open-use of large-scale radio astronomy observational facilities. For this reason, we operate within an international framework for frequency resource protection activities to respond to domestic and international wireless communications operators (cellular telephones, broadcasting, various radars, and so on) and satellite services which have the potential to impact not only Japanese radio observatories but also ALMA and SKA. In addition, the office plans to pursue the protection of the overall environment for astronomical observations; it is currently pursuing measures against light pollution in the optical wavelength caused by the light reflected from satellite constellations comprised of a very large number of satellites. The office has a future plan to expand these activities to include ground-based light pollution as well.

In this position advertisement, we are seeking an Associate Professor (Senior Lecturer equivalent) to assure the continuance of these kinds of activities of the office, cooperating closely with the overall Public Relations Center; the successful candidate is expected in the future to take over responsibility as the head of the office.

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 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. Qualifications:

Minimum Academic Requirements: Ph.D. or equivalent in astronomy or engineering

Other Requirements:

- (1) Sufficient experience and knowledge related to observational astronomy, particularly radio astronomy and understanding of radio engineering;
- (2) Both English and Japanese language proficiency sufficient to lead meetings in both English and Japanese, including face-to-face meetings and video conferencing;
- (3) Ability to compose academic papers in both English and Japanese;
- (4) Communication ability sufficient to hold meaningful deliberations with people from different cultural backgrounds.

Secondary Qualifications:

- (1) Understanding of the propagation of radio waves in the atmosphere;
- (2) General understanding of law, including Japanese radio acts;
- (3) Understanding of wireless telecommunication rules.

7. Required Application Materials:

Please prepare the following items as a PDF file and submit it to the NAOJ job application system shown in 9.

- (1) Cover letter;
- (2) Curriculum vitae;
- (3) Summary of the past activities and documents described details that the applicant has the requirements and qualifications shown in 6, please limit to past activities and research related to this position, in addition to personal achievements, when listing results in which many people were involved, please describe the applicant's role;
- (4) Publication list (Separate refereed and non-refereed papers), if the applicant has no academic publications, a list of projects (including brief descriptions) in which the applicant has been involved is also acceptable;
- (5) Outline of plans for this position (Maximum 2 pages, A4 size);

(6) Names and contact information for 2 References;

(7) Your easily reachable contact information (e-mail and phone); and

(8) One or more reference letters. Please ask your references to upload the letters directly to the NAOJ job application system shown in 9 before the application deadline.

8. Application Deadline: January 29, 2021, 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. We recommend that the applicants obtain their applicant IDs and reference IDs from the application system in advance. Reference letters should be uploaded by the referees themselves, following the instructions shown in the application form. Each reference will need a reference ID and password to upload their letter to the system. The applicants will be expected to provide these to the references. The application documents should be converted to PDF (max 50MB each, 100MB in total, at most 10 files).

10. Inquiries

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

E-mail: masatoshi.ohishi_AT_nao.ac.jp (replace _AT_ with @),

Masatoshi Ohishi, Head of Spectrum Management Office, Public Relations Center, NAOJ

Subject of e-mail: "Question on JD of Associate Prof. (Senior Lecturer equivalent) in Spectrum Management Office, NAOJ"

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

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

Subject of e-mail: "Question on Associate Prof. (Senior Lecturer equivalent) in Spectrum Management Office, NAOJ"

11. Remarks

- 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 NINS and will be paid monthly in 12 equal payments. Retirement Allowance shall be paid.
- Smoking is prohibited on the premises excluding designated outdoor smoking areas.
- 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/gender-equality/> (currently in Japanese only).
- 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.