

JOB VACANCY ANNOUNCEMENT

- Professor, Division of Science, National Astronomical Observatory of Japan (NAOJ) –

1. Job Title: Full Professor, one position

2. Division and Location: Division of Science, NAOJ, Mitaka, Tokyo 181-8588, Japan

3. Area of Expertise: astronomy and/or related fields

4. Job Description:

The National Astronomical Observatory of Japan (NAOJ) has been playing a leading role in the forefront of astronomical research worldwide, as demonstrated in the construction and operation of large-scale astronomical facilities such as the Subaru telescope, the Atacama Large Millimeter/submillimeter Array (ALMA), the supercomputer specialized for astrophysical simulations (ATERUI II), and the Thirty-Meter Telescope (TMT), as well as in the development of space-based instruments. The Division of Science was established in April 2019 as a new division of NAOJ, aiming to explore new fields of growth in natural sciences for further advancement of astronomy.

We invite applications for a full professor at the Division of Science, NAOJ, who conducts pioneering studies by bringing new ideas and key innovations to astronomy. The successful candidate is expected to demonstrate high-impact research with broad and deep knowledge of astronomical phenomena: for instance, a study of groundbreaking theory that can open up an opportunity for planning out the next-generation telescope(s)/instrument(s); an epoch-making discovery based on observations that can build up the standard model or exceed its prediction; and so on. As one of the lead scientists at the Division of Science, the successful candidate is also expected to explore the new possibilities of astronomy, to take the initiative in promoting scientific activities that impact relevant research fields, and to broaden the horizons of research fields in the Division of Science. The responsibilities of this position require continuously demonstrating leadership and outstanding performance in research activities and also promoting collaborations among NAOJ scientists as well as collaborations among international and Japanese communities to stimulate productivity of science by making the best use of NAOJ's facilities. Education of young scientists, including supervising students in the PhD's program, is also required as part of the responsibility.

5. Terms of Appointment:

The successful candidate is expected to start the job as early as reasonably possible after the job offer has been accepted. The term of the contract will continue 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. Qualification

Minimum Educational Requirement: Ph.D. or equivalent

7. Required Application Materials: (*To be prepared in English)

- (1) A cover letter addressing your interest in the position,
- (2) A curriculum vitae,
- (3) List of Publications (Separate refereed and non-refereed papers and provide individual citation counts from ADS),
- (4) A summary of past research activities including international collaborations,
- (5) A statement of your vision for the position including your research plan,
- (6) Your address (e-mail and phone) for prompt contact and the email address of your current line manager,
- (7) Five or more reference letters.

All reference letters should be written by faculty/staff with tenured positions. Reference letters from multiple countries are preferred.

Please ask your references to upload their letters directly using the URL indicated in 9.1. before the closing date for application. Applicants are responsible for ensuring that the letters are submitted before the closing date for application.

8. Closing Date for Application: 2022-08-01, 12:00 (Japan Standard Time)

9. Application and Contacts:

9.1. How to Submit an Application:

Applicants are required to apply via the NAOJ Nextcloud on the web.

- (1) Please access the following URL for registration:

<https://forms.office.com/r/ZF3q2y61C6>

- (2) After you submit registration form, you will receive an email showing the URLs for (a) uploading your application documents, and (b) for your reference letters.
- (3) Please ask your references to upload their letters via the URL (2)(b).
- (4) Please upload the application documents (from 7. (1) through 7. (6) above) via the URL (2)(a). These files must be in PDF format (max 50MB each, 100MB in total, at most 10 files).

9.2. Contacts: If you have any question related to the job description, contact:

E-mail: kentaro.motohara_AT_nao.ac.jp (replace _AT_ with @)

Professor Kentaro Motohara,

Director of Research Coordination, NAOJ,

Subject of e-mail: "Question on Full Professor of Division of Science, NAOJ"

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

E-mail address: apply-DoS-prof20220801_AT_ao.ac.jp (replace _AT_ with @)

Subject of e-mail: "Question on Full Professor of Division of Science, NAOJ"

10. Labor Conditions:

- (1) Work Type and Work Hours: The Discretionary Labor System for Professional Work shall be applied. (Standard work hours: 38.75 hrs/week, from 8:30 to 17:15 with an hour intermission)
- (2) Holidays: Saturdays and Sundays, National Holidays, New Year holidays (December 29th - January 3rd), Annual paid leave, Summer holidays, Bereavement leave, etc.
- (3) Social Insurances: MEXT Mutual Aid Association (health insurance), Employees' Pension Insurance, Employment Insurance, Industrial Accident Compensation Insurance
- (4) Remuneration:
 - Salary: The amount of an annual salary shall be determined based on the school career and job experiences in accordance with the NINS regulations (NINS, or the National Institutes of Natural Sciences, is an executive institute that manages NAOJ). The payment will be made monthly in 12 equivalentents.
 - Allowances: Dependent allowance, residential allowance, commutation allowance, and the other allowances will be paid when the requirements based on the NINS regulations are all filled. The equivalent of the term-end allowance and the diligence allowance shall be included in the annual salary.
 - Salary Increase: Once a year in accordance with the performance evaluation
 - Retirement Allowance: Shall be paid
 - Travel and relocation costs to NAOJ will be covered, subject to the travel regulations of NINS (details must be arranged with the administration office).

11. Remarks

- Interviews may be conducted. Interviews will be conducted in person or online. Applicants will be responsible for all costs associated with the interview (transportation, communication, etc.).
- 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.
 - If you have taken a leave(s) such as for maternity, childcare, and/or family care, please indicate it in your curriculum vitae. We will consider it when assessing your performance.

For details, see

<https://www2.nao.ac.jp/~open-info/gender-equality/en/>

- 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.

12. Name of recruiter

Inter-University Research Institute Corporation, National Institutes of Natural Sciences (NINS), National Astronomical Observatory of Japan (NAOJ)