

JOB VACANCY ANNOUNCEMENT

- Project Assistant Professor, Division of Science (Prof. Nomura's group), National Astronomical Observatory of Japan (NAOJ) –

1. Job Title: Project Assistant 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 Division of Science (DS) was established in April 2019 as a new division of NAOJ. It aims to develop new fields of growth in natural sciences for further advancement of astronomy by leveraging strategies.

We invite applications for a project assistant professor who will conduct research on chemical evolution in the regions of protoplanetary disks to exoplanetary atmospheres as a member of the group of Professor Hideko Nomura in NAOJ DS. A successful candidate is expected to work on modelling chemical evolution in protoplanetary disks, taking into account ice chemistry, and/or diagnosing chemistry in protoplanetary disks through molecular line observations by ALMA. This project aims to investigate habitability from a point of diversity in elemental abundances of planets obtained in their formation process in protoplanetary disks, whose metallicities have variety through evolution of our Galaxy. It directs toward predicting chemical composition of atmospheres of exoplanets orbiting around host stars in various ages observable in the future missions. The successful candidate is also expected to play a leading role in this project by utilizing NAOJ's large-scale astronomical facilities, such as Subaru telescope, ALMA and ATERUI II. The responsibilities of this position require continuously demonstrating leadership and outstanding performance in innovative/international research activities, and also fostering collaborations among NAOJ scientists and PhD students to stimulate productivity of science in NAOJ DS.

5. Term of Appointment:

- (1) A successful candidate may start the job as early as reasonably possible after accepting the job offer.
- (2) The term of employment will be five years after the appointment starts. If the successful candidate had been employed as an NINS employee after April 1, 2013, the term will be set so that the total accumulated period of employment does not exceed ten years.

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

7. Closing Date for Application: 17:00, October 18, 2019 (Japan Standard Time)

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

- (1) A curriculum vitae,
- (2) A list of publications (Separate refereed and non-refereed papers with number of citations by ADS),
- (3) A summary of past research activities,
- (4) Outline of research plans,
- (5) Anticipated start date of the job appointment,
- (6) Two or more reference letters.

Please ask the reference persons to send the letter as an e-mail attachment to the submission address shown in 10. Applicants are responsible for ensuring that the letters arrive before the application deadline (all reference letters should be written by faculty/staff with tenured positions, and no more than one reference letter will be accepted from the same country).

9. Selection Process: Qualified candidates who will proceed into the final selection may be interviewed by the selection committee either via the internet or in person. The expense for the interview will not be covered by NAOJ.

10. How to Submit an Application:

Please convert the application documents 8.(1)-(5) to separate PDF files (make PDF files with appropriate resolution so that they won't be too large [file size: up to 10 MB]), and send them via e-mail to;

<apply-dos-proassisprof20191018_AT_nao.ac.jp> (replace _AT_ with @)

The reference letters 8.(6) should also be converted into a PDF file and sent directly from the reference person to the e-mail address shown hereabove, by the closing date.

When the application documents are received, a confirmation e-mail will be sent to the applicant. If you do not receive the confirmation from NAOJ within 3 working days, please contact the person in charge shown in 11.

11. Contacts: If you have any questions, contact;

E-mail: apply-dos-proassisprof20191018_AT_ao.ac.jp (replace _AT_ with @)

Professor Hideko Nomura, Division of Science, NAOJ

12. Remarks

- The project assistant professor will be employed under an annual salary system, and will receive a salary proportionate to the pay grades of a national university assistant professor (paid monthly in 12 equal payments). Commuting expenses (up to 55,000 JPY per month) will be provided. Bonus and retirement allowances are not provided.
- Eligible for enrollment in social insurance.
- Travel and relocation costs to NAOJ will be covered, subject to the travel regulations of NINS (details must be arranged with the administration office).
- Annual research funds equivalent to those of a tenured assistant professor will be allocated.
- Project assistant professors are eligible to apply for the Grants-in-Aid for Scientific Research (KAKENHI).
- 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://openinfo.nao.ac.jp/danjokyodo/>