

JOB VACANCY ANNOUNCEMENT

- Project Assistant Professor, National Astronomical Observatory of Japan (NAOJ) -

NAOJ invites applications for a project assistant professor position as follows:

1. Job Title: Project Assistant Professor (Employee on Annual Salary System), one position
2. Division and Location: JASMINE Project, Mitaka, Tokyo
3. Area of Expertise: Astronomy, and/or related fields
4. Job Description:

The National Astronomical Observatory of Japan (NAOJ) has the JASMINE Project aiming to develop an infrared space astrometry mission, Small-JASMINE. The Small-JASMINE is planned to have the ability to image the stellar kinematics in the central region of the Milky Way Galaxy at a distance of 8 kpc by the infrared astrometric observations, enabling one to study the formations of its bulge, bar, disk and central black hole and to identify the region of the birth and the trajectory of the solar system through the performance of Galactic Center Archeology and Galactoseismology. Also, Small-JASMINE will carry out the exploration of the potentially habitable exoplanets by the time-domain astronomical observations. Now Small-JASMINE was selected by ISAS/JAXA (Institute of Space and Astronautical Science, a branch of JAXA: Japan Aerospace Exploration Agency) as the unique candidate of the 3rd Medium-Class science satellite mission. The target launch date is mid-2020s at this moment.

We invite applications for a project assistant professor position at the JASMINE project of NAOJ. A successful candidate for this position is expected to lead the planning and investigations of science cases to be provided by Small-JASMINE. In particular, the successful candidate is expected to probe the scientific objectives such as Galactic Center Archeology and Galactoseismology to be performed by Small-JASMINE while carrying out the scientific research of the Galactic dynamical structures and their evolutions with the full use of numerical simulations, based on astrometric information such as annual parallaxes and proper motions (and complementary data such as radial velocities, ages, and elemental composition). Also, the successful candidate is expected to support the investigations of the method for the science validation to certificate the quality of the JASMINE observing data to be provided in future, in terms of the availability to carry out the target science cases. The responsibilities of this position require continuously demonstrating leadership and outstanding performance in research activities, and also fostering collaborations among NAOJ scientists and PhD students.

The successful candidate will assign 75% of his/her working time for the above duties. The remaining 25% shall be used for his/her own scientific research.

5. Terms of Appointment:

The successful candidate should be able to start as soon as reasonably possible after accepting the job offer. The term is for five (5) years including the probation period of six (6) months. Annual performance review will be conducted. If the successful candidate had been employed as an NINS employee after April 1, 2013, the term may be set so that the total accumulated period of employment does not exceed ten (10) years.

6. Minimum Educational Requirement: Ph.D. or equivalent in astronomy or related fields

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.),
- (4) A summary of your past research 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) Two or more reference letters. Note that your current supervisor or line manager cannot serve as a reference. Please ask your references to upload the letters directly to an NAOJ's 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 written by faculty/staff with tenured positions, and no more than one reference letter will be accepted from each country.)

8. Application Deadline: 2020-01-23, 17:00 (Japan Standard Time)

9. Submission:

Applicants are required to apply via the NAOJ's 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).

For inquiries, please contact with a subject; "Question on Project Assistant Professor of JASMINE"

E-mail: naoteru.gouda_AT_nao.ac.jp (replace _AT_ with @) Professor Gouda, Naoteru,

Project manager of JASMINE Project, NAOJ

If you have any question related to the application system or other items, please contact with a subject; "Question on Project Assistant Professor of JASMINE"

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

10. Notes for application:

- 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.
- If the selection committee deems that there is no qualified candidate for this position, it is possible no one will be selected.

11. Remarks:

- The NAOJ Advisory Committee for Research and Management will make the final decision for the appointment.
- 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.