

## NAOJ Postdoctoral Researcher Stationed at Kagoshima University

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The NAOJ ALMA Project invites applications for a Project Research Staff (postdoctoral researcher) for ALMA Joint Scientific Research Program to conduct the research project “Revealing the AGNs from low- $z$  to high- $z$ : the interplay of ALMA and radiative transfer simulations based on 3D hydrodynamic modeling” using ALMA data (including archival data). The successful candidate will spend 100% of the time for this project under the supervision of Professor Wada at Kagoshima University (Kagoshima, Japan). The successful candidate is required (1) to publish one paper per year, and (2) to submit one ALMA proposal per year. The successful candidate may supervise students for the purpose of carrying out this project.

See below for further information.

- The ALMA Joint Scientific Research Program:  
[https://researchers.alma-telescope.jp/e/support\\_programs/alma\\_joint\\_scientific\\_research\\_program.html](https://researchers.alma-telescope.jp/e/support_programs/alma_joint_scientific_research_program.html)
- The research project:  
[https://researchers.alma-telescope.jp/j/files/almagrant\\_r02\\_wada\\_en.pdf](https://researchers.alma-telescope.jp/j/files/almagrant_r02_wada_en.pdf)

The applicant must have a doctoral degree or equivalent in a relevant field. The successful candidate will be employed by the NAOJ, and will be stationed at Kagoshima University. In case the PI of the project (Professor Wada) moves to another university or institute, the successful candidate is expected to accompany the PI. However, if such an arrangement is deemed difficult by the new university/institute, the successful candidate will be relocated to NAOJ in Mitaka and continue the proposed research project.

In principle, the term is for two years from the starting date, and the starting date is April 1 2020 or October 1 2020. NAOJ will conduct a review based on the mid-term performance report submitted by the PI and may extend the term for an additional year. For a researcher who has been employed by NINS after April 1, 2013, his/her term will be set so that the total employment period from April 1, 2013 will be less than 10 years.

Applicants are required to use an 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. It takes time to prepare the documents, applicants should be issued applicant ID and

reference IDs in advance. Reference letters should be uploaded by the persons who have written the letter for you, following the instruction shown on the application form. In order to upload reference letters, reference IDs and password are required, so please inform references of the issued reference IDs and passwords.

The documents should be prepared in English, converted to PDF (max 50MB each, 100MB in total, at most 10 files).

- (1) Cover letter with the title of the research project
- (2) Curriculum vitae
- (3) Publication list (Separate refereed papers from others. State your role for co-authored papers.)
- (4) PDF of three relevant papers
- (5) Statement describing your commitment and plans for the job
- (6) Two or more reference letters (must be uploaded by the references directly to use an NAOJ's application system, before the deadline.)
- (7) Your e-mail address and phone number

The application deadline is November 15, 2019, 15:00 (JST)

For inquiries, please contact with a subject line "Inquiry about 'Revealing the AGNs from low-z to high-z: the interplay of ALMA and radiative transfer simulations based on 3D hydrodynamic modeling'"

Inquiry about application process

apply-job\_atmark\_nao.ac.jp (replace \_atmark\_ with @)

Inquiry about research project

wada\_atmark\_astrophysics.jp (replace \_atmark\_ with @)

Submission and general inquiries

alma-grant\_atmark\_alma.mtk.nao.ac.jp (replace \_atmark\_ with @)

The fellow will receive a monthly salary of 350,000 JPY plus compensation for commuting expenses. Social insurance will be applied. Bonus and retirement allowances are not provided.

Please note that once you are employed as a Project Research Staff for the ALMA Joint Scientific Research Program by NAOJ, you will not be eligible anymore for a NAOJ Project

Research Fellow.

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://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 the one submitted by the successful candidate.