

Announcement – ADC/NAOJ Project Research Fellow

Astronomy Data Center (ADC), National Astronomical Observatory of Japan (NAOJ) is inviting applications for the position of project research fellow.

Astronomy Data Center (ADC) of the National Astronomical Observatory of Japan (NAOJ) is operating the open-use computer systems for astronomical data analysis and also providing astronomical database and archive systems for delivering observational data to support astronomical activities in the world. SMOKA(<http://smoka.nao.ac.jp/>) is one of these systems for providing raw data from various optical and infrared ground based observatories like Subaru Telescope, Okayama Astrophysical Observatory's 188cm telescope, Kiso Schmidt Telescope of The University of Tokyo, MITSuME telescopes of Tokyo Institute of Technology, and Kanata Telescope of Hiroshima University, and is contributing very much to scientific research and educational activities.

1. Number of vacancies: one
2. Duty station is Astronomy Data Center, NAOJ in Mitaka, Tokyo
3. Project research fellow is a full-time position (38h45min working hours/week) employed under the scheme of the annual salary system of National Institutes of Natural Sciences (NINS).
4. The successful candidate spends more than 50 % of the time on their own scientific research related to the data stored in ADC and other archive systems. The remaining time should be used on the duties for promoting effective operation of SMOKA system and data quality assurance and/or calibrations of data stored in SMOKA. The successful candidate is also expected to join to works on improvement and/or optimization of SMOKA system.
5. Applicants should have an experience of programming on UNIX based computer system using computer languages like JAVA, and hopefully have the knowledge on relational database. It is also desirable to experience research works by using archived data.
6. (1) The term starts at 1 April 2021 or later
(2) The term is for three years, including the probation period of six months. Annual performance review will be conducted. If the successful candidate had been the project research fellow of NAOJ or the Researcher (Part-time Contract Employee) before, then the term may be adjusted so that the total length of employment does not exceed five years. At the end of the contract term, there is the possibility of extending the contract up to two years, based on a review.
7. Applicants must have a PhD degree, or are expected to have it by the starting date of work.

8. The application documents (either in Japanese or in English) must include
 - (1) a curriculum vitae,
 - (2) a summary of research activities in the past,
 - (3) a list of publications (Separate refereed and non-refereed papers. For co-authored papers, list all the names of authors.),
 - (4) PDF copy of three major publications, and
 - (5) an outline of research plans.

※ In addition, applicants should arrange one letter of reference, to be sent directly from the person reviewing applicants. The name of the person should be identified in the application cover letter.
9. The application documents and the reference letter will be accepted until the position is filled by periodic selections but no later than 17:00 of 30 April 2021(JST).
10. The email addresses for the application and inquiries are
 - (1) Application documents and one letter of reference should be sent to:
adc-chief<AT>nao.ac.jp (replace <AT> with @)
With a mail subject of "Application for ADC Project Research Fellow".
 - (2) For inquiries about the research project, please contact
KOSUGI, George,
Director of Astronomy Data Center, NAOJ
Osawa 2-21-1, Mitaka, Tokyo 181-8588, Japan
e-mail: george.kosugi<AT>nao.ac.jp (replace <AT> with @)
 - (3) For inquiries about the application process, please contact
e-mail: JobRegister-contact-10_AT_nao.ac.jp (replace <AT> with @)
11. When the application documents are received, a confirmation mail will be sent to applicants. If you do not receive the confirmation within three working days, please notify the inquiry address.
12. 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.
13. Candidates selected in the final short list may be interviewed by the selection committee via internet. The expense for the interview will not be covered by NAOJ.
14. The fellow will receive a monthly salary of 350,000 JPY plus compensation for commuting expenses (up to 55,000 JPY per month), and annual research funds of 500,000 JPY. Social insurance will be applied. Bonus and retirement allowances are not provided. Smoking is

prohibited on the premises excluding designated outdoor smoking areas. The travel and relocation costs to NAOJ will be covered, subject to the travel regulations of NINS (the details have to be arranged with the administration office). The qualification to apply for Grants-in-Aid for Scientific Research is given.

15. 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 (see <https://www2.nao.ac.jp/~open-info/danjokyodo/index.html>). If you have taken a leave(s) such as for maternity, child care, and/or family care, please indicate it in your curriculum vitae. We will consider it when assessing your performance.