

Announcement – ADC/NAOJ Project Research Fellow

Astronomy Data Center (ADC), National Astronomical Observatory of Japan (NAOJ) is inviting applications for the two positions 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: two
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 NINS.
4. Successful candidates spend 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 candidates are also expected to join to works on improvement and/or optimization of SMOKA system, in the new computer system which starts its operation in March 2018.
5. The applicant should have an experience of programing 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 May 2019 or later
(2) The term is for three years, subject to annual review. ※
At the end of the contract term, there is the possibility of extending the contract up to two years, based on a review. ※
※ If the applicant 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.
7. The applicant must have a PhD degree, or is expected to have it by 30 September 2019. It

should be described if the applicant is expected to have a PhD degree by 30 September 2019.

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, the applicant should arrange one letter of reference, to be sent directly from the person reviewing the applicant. The name of the person should be identified in the application cover letter.
9. The application documents and the reference letter must be received by 17:00 of 18 April 2019(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, please contact
TAKATA, Tadafumi,
Director of Astronomy Data Center, NAOJ
Osawa 2-21-1, Mitaka, Tokyo 181-8588, Japan
e-mail: tadafumi.takata<AT>nao.ac.jp (replace <AT> with @)
11. When the application documents are received, a confirmation mail will be sent to the applicant. If you do not receive the confirmation within three working days, please notify the inquiry address.
12. 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. 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.
13. 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/>