

## **JOB VACANCY ANNOUNCEMENT**

### **Project Associate Professor, National Astronomical Observatory of Japan (NAOJ)**

NAOJ announces a Project Associate Professor position for an Instrument Scientist at the East Asian ALMA Regional Center (EA-ARC) of the NAOJ ALMA Project to contribute to the establishment of new observation capabilities for the ALMA telescope, and to contribute to ALMA development activities.

1. Job Title: Instrument Scientist / Project Associate Professor, one position
2. Division and Location: NAOJ ALMA Project, EA-ARC, Mitaka (Tokyo, Japan)
3. Area of Expertise: Radio Astronomy, and Interferometry

#### 4. Job Description:

This position is for a Scientist with a deep knowledge in radio astronomy and interferometry who can contribute to the establishment of new observation capabilities for the ALMA telescope, and can contribute to NAOJ and ALMA-wide development planning for ALMA. The successful candidate is expected to work in international working groups together with engineers and scientist from all ALMA regions, and to provide timely input to the EA-ALMA Project Manager and the EA-ARC Manager. He/she is also expected to contribute to studies leading to the establishment of new observation capabilities of ALMA in close communication with EA-ARC staff, NAOJ staff working in JAO, and counterparts in ESO, NRAO and JAO. For these tasks, the successful candidate is expected to travel abroad often, and to contribute actively to JAO commissioning from the EA-ARC or locally in Chile. In addition, he/she is expected to work closely with the EA-ALMA Project Scientist to collect the requests for development of new observation capabilities from the East Asia radio astronomy community.

This Instrument Scientist will assign 60% of his/her working time for the above duties. In addition, he/she will assign 15% of his/her time for ARC duty as a team member of the EA-ARC. The Science Operations tasks conducted by the team include:

- Support of preparation of ALMA observations or evaluation/reduction of the observed ALMA data;
- Promotion of science with ALMA by contributions at science meetings and ALMA East Asian Users Meeting;

Finally, the remaining 25% of his/her working time shall be used for his/her own scientific research such as:

- Excellent scientific research with ALMA;
- Exploration of new research fields with ALMA.

#### 5. Terms of Appointment:

The successful candidate should be able to start as soon as reasonably possible after the job offer has been accepted.

The term is for five (5) years. Annual performance review will be conducted. In case that the successful candidate was an NINS employee after 2013 April 1, the term may be set so that the total accumulated terms of the employment does not exceed ten years.

6. Minimum Academic Requirements:
  - (1) Ph.D. or equivalent in astronomy or related fields;
  - (2) Deep knowledge on technical aspects of radio astronomy and interferometry;
  - (3) Willingness to do observational research using radio astronomy instruments;
  - (4) Capability to join, discuss and collaborate in English-speaking teams;
  - (5) High motivation to work in international groups and collaborate with other members of ALMA, both in the EA-ARC and in ALMA-wide working groups
  
7. Required Application Materials: (\*To be prepared in English. Any other language will not be accepted)
  - (1) Cover letter;
  - (2) Curriculum vitae;
  - (3) Publications list (Separate refereed and non-refereed papers. SPIE can be included in refereed papers.);
  - (4) Summary of your past research activities including international collaborations;
  - (5) Your plans to fulfill the responsibilities and aspirations for the position (including your research plan as needed);
  - (6) Your easily reachable contact information (e-mail and phone) and the e-mail 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 send a letter as an e-mail attachment to the submission address shown in 9. (1). Applicants are responsible for ensuring that the letters arrive 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: 2019-06-14, 17:00 (Japan Standard Time)
  
9. Submission:
  - (1) E-mail your application documents to:  
(E-mail address) apply-alma-assocprof20190614\_AT\_ao.ac.jp (replace \_AT\_ with @)  
(Subject of e-mail) "Application for ALMA Instrument Scientist"
  - (2) Contact for Inquiries:  
(E-mail address) alvaro.gonzalez\_AT\_ao.ac.jp (replace \_AT\_ with @)  
Alvaro Gonzalez, NAOJ ALMA Project Manager
  
10. Notes for application:
  - Convert each application documents (from 7.(1) through 7.(6) above) into a separate PDF file and attach them to your application e-mail
  - Make PDF files with appropriate resolution so that they won't be too large (file size: up to 10 MB)
  - Upon receipt of your application, you will receive a confirmation e-mail. If you do not receive any response from NAOJ within 3 working days, please contact:  
(E-mail address): apply-alma-assocprof20190614\_AT\_ao.ac.jp (replace \_AT\_ with @)
  - Candidates selected in the final short list may be interviewed by the selection committee either via internet or face-to-face. The expense for travel to 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 <http://open-info.nao.ac.jp/danjokyodo/>