

The National Astronomical Observatory of Japan (NAOJ) invites applications for an associate professor of the NAOJ Chile Observatory

1. Vacant post: One associate professor

2.

(1) Division: NAOJ Chile Observatory

(2) Duty station: Mitaka, Tokyo, with possible future assignment to Santiago, Chile

3. Field of specialty: Radio astronomy

4. Duties and responsibilities:

This associate professor position is for a person with an ample background of radio astronomy observations, who is, or can be a candidate of the Development Program Manager of the East Asian ALMA Support Center and assist the East Asian ALMA Project Manager and the Director of Advanced Technology Center. Examples of the role(s) expected for the successful candidate include;

- Establish the operations and development plans of the ALMA to keep and enhance ALMA high science performance.
- Lead the development and upgrades of ALMA in East Asian and coordinate the development programs in cooperation with the relative managers and engineers of the Joint ALMA Office (JAO) and North American and European Executives.
- Lead the enhancements to make the projects feasible as well as scientifically attractive under the close collaboration with science teams.

The successful candidate is also expected to be the Engineering Manager of the East Asian ALMA Support Center, whose roles include;

- Establish the operations and maintenance plans of the ALMA to keep ALMA high science performance.
- Lead the offsite maintenance for the deliverables from the East Asia such as ACA antennas, B4/8/10 Receiver Cold Cartridges, and ACA correlator, in close coordination and collaboration with the Engineering managers of the JAO and of the European and North American Executives.
- Coordinate the activities of the safety, product assurance, logistics, asset, and document controls related to the EA deliverables, such as ACA antennas and the science equipment to JAO in cooperation with the NAOJ Chile Observatory staff.

In addition, the successful candidate makes her/his own research with ALMA, and mentors younger astronomers. It is envisioned that the successful candidate would raise the state of NAOJ presence within ALMA, as an overall outcome of the above activities. Successful candidate is expected to take managerial roles in JAO as an International Staff Member in the

future.

5.

- (1) Start of employment: As soon as reasonably possible after selection
- (2) Term of employment: Indefinite (subject to the retirement age of 65).

6. Required qualification: Doctoral degree in a relevant field or equivalent.

She/he needs to have sufficient English language proficiency to take part in scientific/technical discussions in face-to-face meetings, video conferences and teleconferences.

7. Application documents (should be in English):

- (1) Cover letter
- (2) Curriculum vitae (research history to be included. If you have any achievement in a research/development project as a group member, describe your contribution to it in details.)
- (3) List of research papers (peer-reviewed papers should be separated from others. For co-authored papers, roles played by applicant should be specified.)
- (4) PDF copies of three important research papers.
- (5) Your commitment and plan to fulfill the duties (including your research plan as needed)
- (6) Your address (e-mail and phone) for a prompt contact
- (7) Two or more reference letters (please ask the reference persons to send the letter attached to an e-mail to the submission address shown in 9. (1) to arrive before the application deadline.)

8. Application deadline: 2017-08-31, 17:00 (Japan Standard Time)

9. Submission:

- (1) Send your application documents by e-mail to;
E-mail: apply-agma-assocprof20170831_AT_nao.ac.jp (replace _AT_ with @)
Subject of e-mail: "Application for associate professor of NAOJ Chile Observatory".
- (2) If you have any question, contact;
Prof. Seiichi Sakamoto, Director, NAOJ Chile Observatory
E-mail: sakamoto.seiichi_AT_nao.ac.jp (replace _AT_ with @).
Subject of e-mail: "Question on associate professor of NAOJ Chile Observatory"

10. Notes for application:

- Convert each application documents (from 7.(1) through 7.(7) above) to separate PDF files and attach them to your e-mail for application.
- Make PDF files with appropriate resolution so that they won't be too large (file size: up to 10 MB)
- Do not send your application by mail or bring it by yourself.
- Your application documents will be used only for the purpose of selection for this position.

- Upon receipt of your application, you will receive a confirmation e-mail. If you do not receive any response from NAOJ, please contact;
E-mail: apply-alma-assocprof20170831_AT_nao.ac.jp (replace _AT_ with @)

11. Remarks

- 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/>