

JOB VACANCY ANNOUNCEMENT

-Full Professor, National Astronomical Observatory of Japan (NAOJ) -

NAOJ invites applications for a full professor position as follows:

1. Job Title: Full Professor, one position
2. Division and Location: SOLAR-C Project, Mitaka, Tokyo
3. Area of Expertise: Solar Physics and/or related fields
4. Job Description:

The National Astronomical Observatory of Japan (NAOJ) has been playing a key role in the science satellite missions of JAXA (Japan Aerospace Exploration Agency). NAOJ has the SOLAR-C Project, which participates in and contributes to the Solar-C (EUVST: the EUV High-Throughput Spectroscopic Telescope) mission of JAXA/ISAS, aiming to explore key propositions in space science of how the plasma universe is created and evolves, and how the Sun influences the Earth, other interplanetary objects and the heliosphere. The Solar-C (EUVST) can trace and grasp dynamic solar plasma phenomena in the chromosphere through the corona by advanced capabilities; they are seamless entire temperature coverage and about ten times higher spatial and temporal resolution than ever. It enables us to study the most fundamental question in solar physics: how does the interplay of solar plasma and magnetic fields drive solar activity? The SOLAR-C Project will contribute to the design and development of overall mission instruments, particularly the telescope section, in collaboration with JAXA and the several US and European institutes. The overseas institutes plan to provide the critical components of the spectrograph section. The SOLAR-C Project is responsible for the science community to provide high-quality spectroscopic imaging data under the leadership of ISAS/JAXA.

Solar-C (EUVST) has been selected by ISAS/JAXA (Institute of Space and Astronautical Science of JAXA) as the unique candidate of the 4th Medium-Class science satellite mission. The target launch date is in the solar maximum of the mid-2020s. We invite applications for a full professor position at the SOLAR-C Project of NAOJ. A successful candidate for this position is expected to lead the project as the leader of the NAOJ SOLAR-C project, develop overall mission instruments as the Telescope Principal Investigator, and maintain the strong collaboration with NAOJ Solar Science Observatory aiming to strengthen solar physics activities in NAOJ. In particular, the successful candidate is expected to lead the development of the Solar-C (EUVST) telescope and its functional & performance verifications of the telescope with contractors and the project members. In addition, the successful candidate has an important role of “point of contact” with science community for solar physics, through this project. The responsibilities of the leader include continuously demonstrating leadership and outstanding performance in research activities, besides promoting collaborations among NAOJ scientists and engineers to stimulate the productivity of science and development by making the best use of NAOJ's strengths. Fostering young scientists including supervising students in the PhD's program, is also required as part of the responsibility.

5. Terms of Appointment:

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

The term of the contract will continue up to the end of the Japanese academic year in which the faculty reaches NAOJ's mandatory retirement age of 65.

Probation period: 6 months

6. Qualifications

- (1) Minimum Educational Requirement: Ph.D. or equivalent; and
- (2) Other Requirement: To have achieved internationally recognized research or space engineering results in the field of expertise, and also have experience as a lead or key member of a large-scale astronomical project.

7. Required Application Materials: (*To be prepared in English. Any other language will not be accepted)

- (1) A cover letter;
- (2) A curriculum vitae;
- (3) Publications list (Separate refereed and non-refereed papers. SPIE and COSPAR can be included in refereed papers);
- (4) A summary of your past research activities including international collaborations;
- (5) Your commitment and plan to fulfill the duties (including your research plan as needed);
- (6) Your address (e-mail and phone) for prompt contact and the email address of your current supervisor or line manager; and
- (7) Five or more reference letters. Note that your current supervisor or line manager cannot be your reference. Please ask your references to upload the letters directly to the NAOJ job application system shown in 9 before the application deadline. Applicants are responsible for ensuring that the letters arrive before the application deadline. (all reference letters should be written by faculty/staff with tenured positions, and no more than two reference letters will be accepted from each country.)

8. Application Deadline: 2021-01-29, 17:00 (Japan Standard Time)

9. Submission:

Applicants are required to use the following NAOJ job application system on the website:

<https://jobregister.nao.ac.jp/>

Please fill out the form on the website and upload the documents specified in the application form. We recommend that the applicants obtain their applicant IDs and reference IDs from the application system in advance. Reference letters should be uploaded by the referees themselves, following the instructions shown in the application form. Each referee will need a reference ID and password to upload their letter to the system. The applicants will be expected to provide these to the referees.

If you have any question related to the job description, contact

E-mail: s.iguchi_AT_nao.ac.jp (replace _AT_ with @),

Prof. Iguchi, Satoru

Point of Contact for Solar-C Project, NAOJ

Subject of e-mail: "Question on JD of Full Professor of NAOJ SOLAR-C Project"

If you have any question related to the job application system or other items, contact,

E-mail address: JobRegister-contact-10_AT_nao.ac.jp (replace _AT_ with @)

Subject of e-mail: "Question on Full Professor of NAOJ SOLAR-C Project"

10. Notes for application:

- The application documents should be converted to PDF (max 50MB each, 100MB in total, at most 10 files).
- Candidates selected in the final short list may be interviewed by the selection committee either via the internet or face-to-face. The expense for the interview will not be covered by NAOJ.

11. Remarks:

- The NAOJ Advisory Committee for Research and Management will make the final decision for the appointment.
- NINS Employee Regulations (NINS, or the National Institutes of Natural Sciences, is an executive institute that manages NAOJ) shall be applied to this position.
- The successful candidate will be employed under the scheme of the annual salary system of NAOJ and will be paid monthly in 12 equal payments. Retirement Allowance shall be paid.
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. If you have taken a leave(s) such as for maternity, childcare, and/or family care, please indicate it in your curriculum vitae. We will consider it when assessing your performance. For details, see <https://www2.nao.ac.jp/~open-info/gender-equality/> (currently in Japanese only).
- Smoking is prohibited on the premises excluding designated outdoor smoking areas.
- 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.