

Kyoto University, Astronomical Observatory - Postdoctoral Position

Applications are invited for a Postdoctoral Researcher in Astronomical Observatory, Kyoto University: www.kwasan.kyoto-u.ac.jp/index_en.html

1. Job title: Postdoctoral researcher
2. Number of vacant positions: up to 3
3. Division: Astronomical Observatory, School of Science, Kyoto University
4. Location: One of below
 - (a) Okayama Observatory, Asaguchi city, Okayama pref.
 - (b) Hida Observatory, Takayama city, Gifu pref.
 - (c) Kyoto Branch, Sakyo-ku, Kyoto city
5. Job description:

The position is mainly for a study of solar physics and astrophysics with related instrumentation at Hida and Okayama observatories. The expected research topics for this position are one (or a few) of following items.

- a. Instrument development for the 3.8m diameter optical-infrared telescope (*Seimei Telescope*) at Okayama Observatory and related scientific researches. For this topic, a skill of smooth communication in Japanese language is required.
 - b. Study of solar plasma phenomena at Hida Observatory with 60cm *Dome-less Solar Vacuum Tower Telescope* (DST) and the *Solar Magnetic Activity Research Telescope* (SMART) combining with data from space solar missions (such as *Hinode*) and/or other ground-based telescopes.
 - c. Spectroscopic and photometric observations of stellar magnetic activities, transient objects, and exoplanets.
 - d. Instrument development for future ground and space solar missions.
 - e. Numerical simulation studies of astrophysical magnetohydrodynamic phenomena.
6. Qualification: Minimum Educational Requirement: Ph.D. or equivalent
 7. The position is available for one year, from 1 April of 2023 to the end of March 2024. There is a possibility of further offer of employment up to 3 years in total.
 8. No probation periods

9. Work hours, and holidays:

Work hours are 6hrs/day, from 9:00 to 16:00 with an hour intermission. 5days/week. Holidays are Saturdays, Sundays, National Holidays, New Year holidays, Annual paid leave and the Kyoto University's foundation day. May be required to work overtime if necessary.

10. Salary: 1800 to 2600 Japanese yen/hour. Around 30 hours per a week.

11. Allowance: Commuting allowance and overtime allowance

12. Social insurance: Mutual Aid Association

13. Applicants should send

- (a) A cover letter with information on the applicant's name, contact address, applying position, preferable working location (choice in item 4 above)
- (b) CV (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.)
- (c) summary of previous studies in 1 page and research plan in 1 page
- (d) publication list and off-prints of major papers

14. Deadline: 23:59 JST on December 27, Tuesday, 2022

15. Selections are done by the submitted documents. An in-person or on-line interview could be requested.

16. The application documents should be sent as a pdf file by e-mail to application@kwasan.kyoto-u.ac.jp with "Subject:" to be "Application for Postdoctoral fellow". Be sure to check the reply of the receipt of the e-mail. For further information, contact Prof. Takaaki Yokoyama (yokoyama@kwasan.kyoto-u.ac.jp).

17. Remarks:

- Check the web site for more detail information on the Kyoto U. Observatory.
- 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.
- Smoking is prohibited on the premises excluding designated outdoor smoking areas.

• The Graduate School of Science, Kyoto University is working to raise the awareness of faculty, staff, and students about compliance in research activities.