

# Call for a Postdoctoral fellow at KAGRA Observatory

## Institute for Cosmic Ray Research, The University of Tokyo

The Institute for Cosmic Ray Research (ICRR), The University of Tokyo, Japan, invites applications for a postdoctoral fellow position at KAGRA Observatory.

1. Position: Postdoctoral fellow, 1 person.

2. Job description: Gravitational wave astronomy of core-collapse supernovae.

This position is engaged to the research of the project C01 "Investigation of Supernova Mechanism via gravitational waves" in the grand-in-aid new innovative area on "Gravitational wave physics and astronomy: Genesis". Especially applicants are expected to perform data analysis of gravitational wave telescopes, develop data analysis software, and detector characterization. It is preferable to be proficient in multiple programming languages.

3. Place of work: KAGRA Observatory (Hida-city, Gifu-prefecture, Japan)

4. Start of the term: As soon as possible after an offer is made.

5. Application Prerequisites:

Applicants should have a Ph.D. in a related field by the time of employment. 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.

6. Term:

Two years.

7. Compensation

Salary will be 330,000 JPY per month. The successful applicant will be enrolled in health insurance through the MEXT Mutual Aid Association and will receive a commuting allowance.

#### 8. Application:

Please submit the following documents in either English or Japanese as PDF files (A4size paper, 29.5cm x 21cm or similar) attached to an e-mail. Applicants should arrange for two letters of reference to be sent to the e-mail address below. Once the application documents are received a confirmation e-mail will be sent to the applicant. Applicants should verify they receive this confirmation after submission

1. Curriculum vitae,
2. Summary of past research activities (up to 3 pages),
3. Publication list including a list of oral presentations at conferences and workshops.  
Please include copies of the applicant's most important publications (up to three papers) and clearly mark these in the publication list,
4. Possible start date,
5. Research plan (up to 3 pages), and
6. Letters of reference or recommendation (2 letters).

#### 9. Application Deadline:

Application materials must be received by 12:00 JST on November 9th, 2017.

#### 10. Selection process:

Applicants will be screened on the basis of their application materials and candidates will be invited for interviews. Candidates will be contacted with information concerning the interview process.

The University of Tokyo encourages applications from women in accordance with “The University of Tokyo’s Declaration on Gender Equality” (<http://kyodo-sankaku.u-tokyo.ac.jp/en/about/history/documents/DeclarationEN.pdf>).

All application materials should be sent on time to the following address, **application\_at\_icrr.u-tokyo.ac.jp** (please replace \_at\_ with @).

Subject of e-mail: “Application for postdoctoral fellow of ICRR”.

Inquiries should be addressed to Kazuhiro Hayama, KAGRA Observatory, The University of Tokyo at, **hayama\_at\_icrr.u-tokyo.ac.jp** (please replace \_at\_ with @).

Subject of e-mail: “Question on postdoctoral fellow of ICRR”