

From Takaaki Kajita,

Director of the Institute for Cosmic Ray Research, The University of Tokyo

Job No.ICRR2021-11

Call for Postdoctoral fellows

Institute for Cosmic Ray Research, The University of Tokyo

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

1. Position: Postdoctoral fellow, 1 person.

2. Job description:

In the Telescope Array (TA) Experiment in Utah, USA, an additional TALE hybrid instrument was installed to lower the energy threshold of the observation cosmic rays to be observed to below 10^{17} electron volts, and its operation has been ongoing since 2018. We are currently constructing the TALE infill surface detector (SD) array, which will consist of additional SDs to lower the energy threshold by one order of magnitude. We are looking for a postdoctoral fellow who will be required to conduct research in ultra-high energy cosmic ray physics in the following roles:

- construction and operation of the TALE infill SD array,
- operation of the TALE and related experiment,
- data analysis of the TALE infill SD array and related experiments.

3. Place of work: ICRR, Kashiwa, Chiba, Japan

4. Start of the term: As soon as possible from 1st April, 2022.

5. Application Prerequisites:

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

6. Term: Two years

7. Working Hours: Discretionary labor system, based on 7 hours, 45 minutes per day, or 38 hours 45 minutes per week

8. Holidays: Saturday and Sundays; Statutory public holidays of Japan; Year-end and New Year holidays (December 29 through January 3)

9. Salary and Benefits: Determines according to the University Rules, depending on the appointee's experiences etc.

10. Available insurances: The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association and employment insurance.

11. 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 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 2 pages)
3. Research plan (up to 2 pages)
4. Publication list including a list of oral presentations at conferences and workshops.

Please include copies of the applicant's most important publications (up to 3 papers) and clearly mark these in the publication list

5. Possible start date
6. Two Letters of reference or recommendation

12. Application Deadline:

Application materials must be received by 12:00 JST on December. 20th.

13. Selection process:

Applicants will be screened on the basis of their application materials and candidates will be invited for interviews.

The University of Tokyo encourages applications from women in accordance with "The University of Tokyo's Declaration on Gender Equality"
(<https://www.u-tokyo.ac.jp/content/400112616.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: "ICRR2021-11"

Inquiries should be addressed to Professor Hiroyuki Sagawa, at **hsagawa_at_icrr.u-tokyo.ac.jp** (please replace _at_ with @).