November 27, 2020

Earthquake Research Institute, The University of Tokyo
Recruitment Information for Project Researcher (Fixed-Term Project Staff)

Earthquake Research Institute, The University of Tokyo is seeking project researchers who promote the project entitled "Intelligent Seismic Data Processing Based on Integration of Next-Generation Seismic Observations and the Forefront of Bayesian Statistics" (Principal Investigator: Naoshi Hirata, Prof. Emeritus, The University of Tokyo) in the research area "Development and Application of Intelligent Measurement-Analysis Methods Through Coalition Between Measurement Technologies and Informatics" of Strategic Basic Research Program CREST, Japan Science and Technology Agency.

1.	Title and Hiring Numbers:	Project Researcher, 2 persons.
2.	Term of Employment:	1) If you start working before March 31, 2021, the term of employment ends on March 31, 2021. 2) If you start working after April 1, 2021, the term of employment ends on March 31, 2022.
3.	Renewal of Contract:	Your employment agreement may be renewed. In the event of renewal, your employment agreement will be renewed every 1 year. Renewal of your employment agreement will be determined by the following factors: All relevant factors, such as budget status, progress of the work assigned to you, the amount of the work at the end of the term, your performance, work record, and attitude, and/or your medical conditions. The number of renewals can be twice if you start working before March 31, 2021, and once if you start working after April 1, 2021. The period of employment is limited March 31, 2023.
4.	Probation Period:	6 months from the date of employment
5.	Place of Work:	Earthquake Research Institute, The University of Tokyo (1-1-1, Yayoi, Bunkyo-ku, Tokyo)
6.	Affiliation:	Division or research center you belong to will be decided after the notification of hiring.
7.	Research Area:	Intelligent Seismic Data Processing
8.	Contents of Work Duties:	This project is dedicating to develop algorithms for "intelligent seismic data processing" that can comprehensively analyze seismic data obtained by various types of sensors, through collaborations between seismologists, Bayesian statisticians, and applied mathematicians. Successful applicants are obliged to develop methods to analyze seismic waveforms (seismic time-series data) and apply them to real data obtained by seismic dense arrays such as Metropolitan Seismic Observation network (MeSO-net), collaborating with the Bayesian statisticians in Graduate School of

Information Science and Technology, The University of Tokyo, and the applied mathematicians in Graduate School of Engineering, Tohoku University.

9. **Working Hours:** Discretionary work system for professional work applies and working hours will be deemed as 7 hours and 45 minutes per day.

10. **Days off:** Saturdays, Sundays, Holidays, and the year-end and New Year holidays (December 29 to January 3).

11. **Leave:** Annual Paid Leave, Special Leave, etc.

12. **Wages, etc.:** Annual Salary System applies and monthly paid salary will be around JPY 400,000 to JPY 500,000 including performance / achievement allowance. (The salary will be decided taking your qualifications, capacity, experience etc. into account.)
Commuting Allowance (basically up to JPY 55,000 per month).

13. **Insurance:** You will be automatically enrolled in the insurance from the Mutual Aid Association of MEXT (Ministry of Education, Culture, Sports, Science and Technology) and Employment Insurance.

14. **Qualification Requirements:** 1) Ph.D. or doctoral degree, including those who are expected to earn these degrees or possess equivalent abilities.
2) Publications in seismology, statistics, or applied mathematics.
3) Motivation to develop methods to analyze seismic waveforms (seismic time-series data).

15. **Documents to be Submitted:** 1) The University of Tokyo Standard Resume (Please download the resume from the website below. E-mail address is required.)
https://www.u-tokyo.ac.jp/en/about/jobs.html
2) Publication list
Describe "peer-reviewed" or "non-peer-reviewed" for each paper, and include research budgets and prizes you were awarded.
3) Copies of three main papers
4) Outline of your researches so far (approx. 2 pages)
5) Research plan after the hiring (approx. 2 pages)
6) Names and contacting information of two researchers who can comment about you

16. **Deadline of Application:** January 22 (Friday), 2021, 5 p.m. (Japan Standard Time, UTC+9)
This open call will close even before the deadline when successful applicants are decided.

17. **Procedure for Selection:** Document screening and interview. Details of the interview will be informed to applicants who have passed the document screening.

18. **Submission of Documents:** Via post:
Personnel Affairs Section
Earthquake Research Institute, The University of Tokyo
1-1-1, Yayoi, Bunkyo-ku, Tokyo 113-0032, Japan

Write "Application Documents for CREST Researcher (Intelligent Seismic Data Processing)" in red on the envelope. The documents will not be returned after the screening.

Via e-mail:
Only applicants who live outside Japan are allowed to submit their documents via e-mail. Ask intelligent-secretariat-general%eri.u-tokyo.ac.jp (replace % with @) before submitting.

19. Contact:

1) About the project:
Naoshi Hirata (Principal Investigator)
E-mail: hirata%eri.u-tokyo.ac.jp
(replace % with @)

2) About the business content such as application:
Hiromichi Nagao (Secretariat General)
E-mail: intelligent-secretariat-general%eri.u-tokyo.ac.jp
(replace % with @)

20. Name of Recruiter:

The University of Tokyo

21. Miscellaneous:

The acquired personal information will not be used for any purpose other than personal selection.
Women's applications are highly welcome based on the "Declaration of Gender Equality Acceleration" at the University of Tokyo (March 3, 2009).

See the following websites for the details of the project:

Strategic Basic Research Program CREST, Japan Science and Technology Agency
http://www.jst.go.jp/kisoken/crest/en/

Research area "Development and Application of Intelligent Measurement-Analysis Methods Through Coalition Between Measurement Technologies and Informatics"
https://www.jst.go.jp/kisoken/crest/en/research_area/ongoing/bunyah28-3.html

"Intelligent Seismic Data Processing Based on Integration of Next-Generation Seismic Observations and the Forefront of Bayesian Statistics"
http://www.eri.u-tokyo.ac.jp/project/iSeisBayes/index-e.html