

Researcher Position in Graduate School of Informatics

25 April, 2022

Job title:

Program-Specific Researcher in Algorithm Theory / Bioinformatics

Location:

Graduate School of Informatics, Kyoto University, Japan

Job description:

The “phylogenetic tree” model has been used by scientists for 150 years to describe evolutionary history. Due to its limitations, the more powerful “phylogenetic network” model is becoming increasingly popular. This project will develop new tools for designing algorithms for phylogenetic networks.

The appointee will assist the project leader (Dr. Jesper Jansson at Kyoto University, Japan) to complete the project. He/She will be required to:

- (a) pursue theoretical research in phylogenetic networks, graph algorithms, succinct data structures, bioinformatics, computational complexity, or other related areas; and
- (b) publish research papers in international conference proceedings and journals, as well as conduct presentations.

Qualifications:

Applicants should:

- (a) have a doctoral degree in Computer Science, Mathematics, or a related field;
- (b) have a proven track record of publication in reputable journals and international conferences;
- (c) be fluent in English; and
- (d) possess excellent communication skills.

Compensation:

The salary is 400,000 JPY per month (income tax as well as health insurance, pension, and welfare

costs will be deducted from this amount). The first term is six months from the appointment day. The contract may be extended, depending on the research performance. The maximum contract period is until the end of the project.

Probation period:

6 months

Working conditions:

The position will be based in Kyoto University's Yoshida Main Campus (Kyoto, Japan). Remote work part of the year might be arranged in case of exceptional circumstances.

Working hours:

Discretionary labor system: Work at the workers discretion (Standard working hours: from 8:30AM to 5:15PM).

Social insurance:

Eligible for MEXT* mutual aid association membership, employees' pensions, employment insurance, and workers' compensation insurance. *Ministry of Education, Culture, Sports, Science and Technology of Japan

Application procedure:

To apply for this position, please use JREC-IN Portal:

https://jrecin.jst.go.jp/seek/SeekJorDetail?fn=1&ln=1&id=D122040501&ln_jor=1

Create two files according to the format specified in the two JREC-IN forms named "Application Form" and "Achievements and Activities", merge them into a single .pdf-file, and submit the resulting file using the JREC-IN Portal "web application" function before the submission deadline.

Applicants who pass the first screening will be invited by e-mail to the second round of the selection process.

Applying from overseas:

Interested candidates from outside Japan are also encouraged to apply. Travel costs for the appointee will be reimbursed according to Kyoto University's regulations.

Deadline for applications:

2022-05-31

Expected starting date:

Around 2022-10-01

To comply with the ordinance preventing second-hand smoking:

Smoking is prohibited in any indoor and outdoor areas of the university campus, except for in designated smoking areas.

Contact details:

For further information about this position, please contact Dr. Jesper Jansson (Associate Professor at the Graduate School of Informatics, Kyoto University, Yoshida-Honmachi, Sakyo-ku, Kyoto 606-8501, Japan; <https://www.algo.cce.i.kyoto-u.ac.jp/jj/>; 075-753-3573).