

July 8, 2024

Program-Specific Researcher Position (Postdoctoral Fellow) at Kyoto University

The position is intended for candidates located outside of Japan

We are seeking a postdoc researcher to work on the following project:

- JST ASPIRE grant, "Advanced research on discrete math, graph algorithms and graph theory" with project leaders Ken-ichi Kawarabayashi and Mikkel Thorup. The appointee will be supervised by Professor David Avis and Dr. Jesper Jansson at Kyoto University, Japan.

Job title: Program-Specific Researcher (Postdoctoral Fellow)

Number of positions: 1

Location: : Department of Computer Algorithms (Minato Laboratory), Graduate School of Informatics, Kyoto University (Yoshida Main Campus, Sakyo, Yoshida Honmachi, Kyoto City, Kyoto Prefecture)

* If the university allows or orders you to work from home, you can do so from home, etc

Job description: The requirements are to:

- (a) pursue theoretical research in graph theory and/or discrete optimization;
- (b) publish research papers in international conference proceedings and journals, as well as conduct presentations; and
- (c) investigate implementation of the results followed by experimental verification and eventual distribution as open software.

As well as the search for new theoretical results the project will encourage their implementation, especially by using parallel computing.

Required qualifications: A successful candidate must meet the following qualifications.

- Ph.D. degree or must be very close to its completion.
- Excellent communication skills and the ability to work collaboratively in a multidisciplinary research
- Have a proven track record of publication in reputable journals and international conferences
- Expertise in one or more of the following:
 - Graph algorithms

- Discrete optimization
- Discrete mathematics

Starting date: October 1, 2024

Contract term: One year. The employment period may be renewed after review to be performed 3 months preceding the end date. The maximum length of employment is 3 years.

Probation period: 6 months

Working conditions: Five (5) working days per week (days off: Saturdays, Sundays, public holidays, year-end and New Year holidays, and Foundation Day, as per University guidelines)

Working hours: 38 hours 45 minutes per week under a discretionary labor system.

- If the discretionary work system for specialized work is not applied, the employee works from 8:30AM to 5:15PM with one hour break (12:00-13:00).
- Overtime may be required when necessary.

Salary and benefits: Paid annually in compliance with the rules of Kyoto University. (Approximately 400,000 yen per month). No allowance (such as for commuting, housing, bonuses, etc.) will be provided.

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 and inquiry:

Applications should be made via the JREC-IN Portal at

https://jrecin.jst.go.jp/seek/SeekJorDetail?fn=1&ln=1&id=D124060947&ln_jor=1

Application deadline: Open until the position is filled.

We will contact you for additional material and an interview provided that we find sufficient relevance in your application. The position will remain open until filled.

Inquiries and submission of your application:

Graduate School of Informatics, Kyoto University

E-Mail: jj*i.kyoto-u.ac.jp (Please change * to @)

Others:

- We will not use personal information provided in an application for any other purpose than screening for employment.
- Kyoto University promotes gender equality. We encourage female researchers to apply. The content and duration of any period of interruption in research due to childbirth, childcare, nursing care, etc. will be fully considered in the screening process.
- At Kyoto University, smoking indoors is prohibited, and smoking outdoors is prohibited except for designated smoking areas to prevent secondhand smoke.