

Call for Position

Associate Professor, Department of High Performance Computing
Information Technology Center, Nagoya University

1. Affiliation

Department of High Performance Computing
Information Technology Center, Nagoya University

2. Recruitment position

Associate Professor

3. Position contract duration

Six years from the start date of employment with four years contract renewal if authorized

4. Position mission

Nagoya University Information technology Center is affiliated with the Joint Usage / Research Center funded by the MEXT. This center mission includes not only information technology and infrastructure services to Nagoya University members but also services or researchers of the Tokai region and nation-wide. Our center is looking for a talented researcher who can promote collaborative works in the ICT research field and can contribute computational science researches in Japan.

We are recruiting a talented researcher who can promote the following topics for the Department of High Performance Computing:

- (1) R&D related to execution environment for computational science including HPC architecture, effective execution of large-scale computation, parallel and distributed computing, GPU computing, and ultra-fast access to large-scale storage.
- (2) R&D related to high performance computing for artificial intelligence or machine learning including HPC architecture for machine learning,

large-scale computation method for machine learning, and their real-world applications.

- (3) Application researches in computer science for computational science including performance evaluation, visualization, and cloud computing.
- (4) R&D related to data-centric sciences and data service services based on HPC and wide-band and low-latency network.
- (5) R&D for nation-wide supercomputer networking including authentication and information infrastructure usage.

5 Research area

Informatics

6. Application eligibility

Researchers who hold doctoral degrees and have R&D experiences of the topics shown in 4.

7. Application deadline

December 27, 2018

8. Job appointment date

May 1, 2019 (expected)

9. Application documents

- (1) CV (with your photo)
- (2) Publication list separated by the following categories: (books, peer-reviewed journals, international conferences (with peer-review), international conferences (without peer-review and other materials).
- (3) Reprints of representative journal papers (up to three papers)
- (4) Social contribution, society activities, grant acquisition include MEXT Kakenhi, patents/
- (5) Performance and experiences in organizations related to information infrastructure or in similar duties (one page in A4 paper)
- (6) Research and education experiences. Aspiration in R&D and services in the department (two pages in A4 paper)

(7) Contact information of persons for inquiry (two persons) (possible to include referees)

(8) Reference letter

(9) Additional documents for further consideration

Documents except for (1) and (8) can be submitted by the media of a CD-ROM or a USB stick

10. Submission and contact addressee

Application documents should be submitted to the following postal address by the registered mail. The envelope needs to indicate “Application to Associate Professor Position for HPC department.”

Mailing address

Application document submission

Prof. Akira Fujimaki

Director of Information and Communications

Nagoya University

Furo-cho, Chikusa-ku, Nagoya, Japan

Inquiry about position

Prof. Kensaku Mori

Directory of Information Technology Center

Nagoya University

Furo-cho, Chikusa-ku, Nagoya, Japan

Phone +81 52 789 5689

E-mail kensaku@itc.nagoya-u.ac.jp

11. Selection procedure

Selection will be performed based on application documents and interview.

12. Miscellaneous

Nagoya University has gender equality policy.

Submitted documents are used only for this selection process and will be used for other purposes.

Submitted documents will not be returned to an applicant.

Details of Nagoya University Information & Communication and

Information Technology Center are available on the following web site:

<http://www.icts.nagoya-u.ac.jp/en/index.html>

<http://www.icts.nagoya-u.ac.jp/en/center/>