

K COMPUTER

TRIAL USE

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Call for proposals of General Trial Use projects for K computer

A new call for proposal of the General Trial Use has been opened to encourage challenges to scientific innovation using K computer.

Applicants for this General Trial Use are assumed to verify their codes running, and prepare full-fledged usage of K computer. This call is opened to the world academic society year round and the quarterly selection will be held.

◆ **Maximum of resources : 50,000 node hours**

◆ **Duration of use : 6 months at maximum**

◆ **User fee : None**

◆ **Screening of proposals and notification of the results:**

Screening will be held four times in a year

(the end of Feb. May, Aug. and Nov.),

and awarding results will be shortly notified (within about a couple of weeks).

◆ **Publication :**

Submission of User Report within 60 days after the project completion is mandatory.

The submitted report will be published on HPCI portal site.

Publication of the research achievements is not required.

◆ **Eligibility : Project Representatives are required to have no experiences to use K computer.**

For detail conditions of the call,

please refer to HPCI portal site (<http://www.hpci-office.jp/folders/english>) or contact Helpdesk.

HELPDESK

TEL +81-78-940-5795 (9am-5:30pm JST, Mon. to Fri.) / FAX +81-78-304-4959

E-MAIL helpdesk@hpci-office.jp

URL http://www.hpci-office.jp/pages/e_support

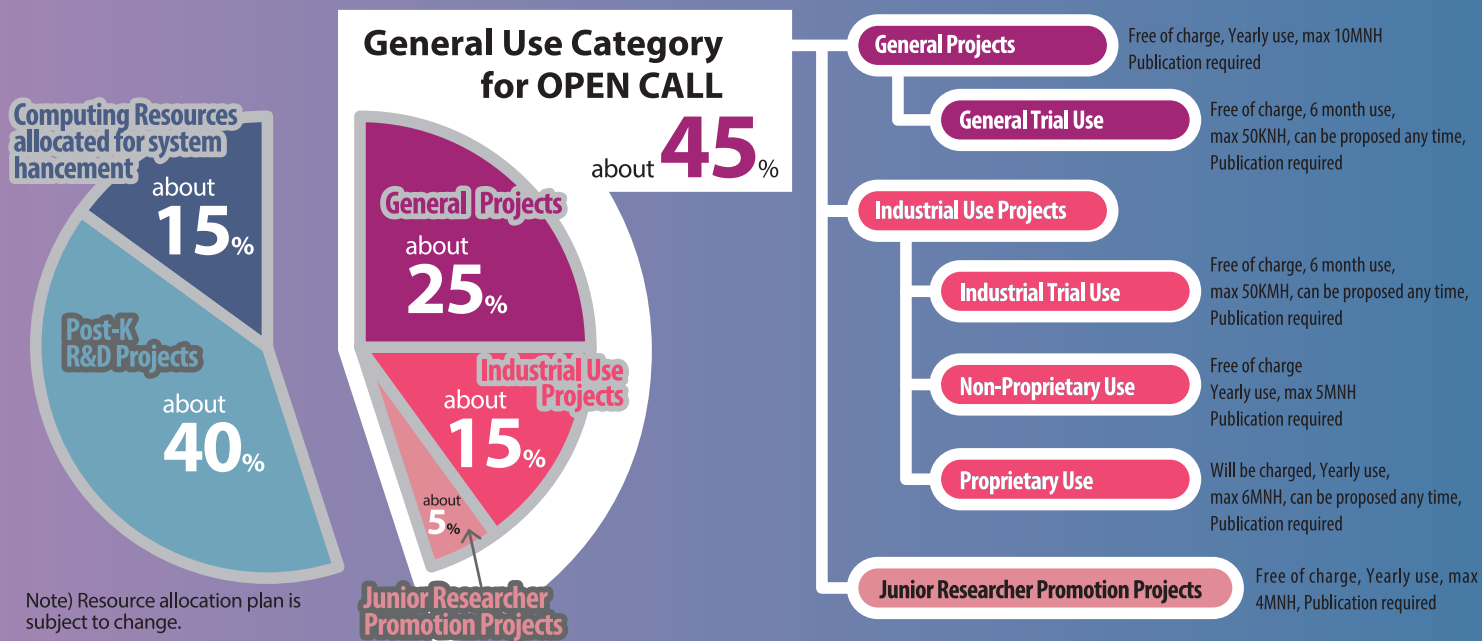


Registered Institution for Facilities Use Promotion /HPCI Operations Office
Research Organization for Information Science and Technology

HPCI Research Framework to utilize K computer

Call for proposals of research projects using K computer

Regular call for proposals for next fiscal year base usage is held every summer to fall timeframe, and the awarding results are announced at the beginning of the following February.



HPCI Support Services

RIST provides following support for the users and the potential users of K computer or HPCI shared computational resources for free of charge.

Consulting services before applying a call for proposal

- Code porting to the K computer
- Performance analysis (single node and scalability study)
- Use of a dedicated FX10 system (compatible processor, similar network and software environment with K computer)

Performance and Scalability Optimization

- Identification of hot spots
- Analysis and optimization of single node performance
- Identification of bottlenecks and imbalance
- Study and improvement of scalability

Support for Visualization

- Assistance to use data visualization environment and software
- Prototype data visualization of user supplied data
- Optimization of work flow for data visualization
- Application specific visualization support

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