**A\*CRC Application Form for Fugaku Trial**

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| **Proposal Name** |  |
| **Proposal****Representative** | Name： | Job Title & Affiliation:  |

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| 1. **Significance and Purpose of the Research**

 (Describe the purpose of the proposal to trial on Fugaku, including plans and methods to carry out on Fugaku e.g. software verification, porting, tuning or test runs.)1. **Estimated Utilization of Computational Resources**

**Program Information**

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| --- | --- | --- |
| Program　Name | Maximum Number of Nodes | Utilization History (computational target, system used in the past) |
| e.g. Application / Software 1 – Name, Version | e.g. 400 nodes | e.g. Used on NSCC ASPIRE 1 using 400 nodes using 80TB of input data. |
| e.g. Application / Software 2 – Name, Version | e.g. 2,000 nodes | e.g. Used on LANTA Supercomputer, NSTDA, ThaiSC using 2,000 nodes using 100TB of input data. |

**Requesting Resources**

|  |  |
| --- | --- |
| Provider Name/Computational Resource Name | Amount of Resources to Request |
| RIKEN R-CCS / Supercomputer Fugaku  | e.g. 40,000 NH for whole proposal.e.g. Application program using 15,000 NH or less. |
| Local Storage |  GB |

\* Note that Fugaku Trials are limited to 100,000 node hours (NH). As the proposal will be combined with other proposals from ASEAN member state (AMS) users, please include, if possible, a second resource request that requires less than 15,000 NHs that we can consider for selection depending on other proposals received from all AMS users.\* It is not necessary to input the request for the local storage of Fugaku in the HPCI Application System. 5TB is allocated by default, and it can be increased per request. However, do indicate if a larger pool of storage is required for your proposal.**Basis of Request for Computational Resources**(Provide a projection of computing resource usage for the trial).(Example: Calculation of XX – 400 nodes x 12 hours x 15 runs = 72,000 node hours**Basis of Request for Local Storage**(Provide a projection of storage usage for the trial)(Example: Use of Software A: 20 GB per run x 15 runs = 500GB)1. **HPCI Shared Storage (Fill out only if you request it)**

HPCI shared storage： GBBasis of the estimate: 1. **Research Structure**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Project Member | Affiliation | Expertise | Whether to use the resource | Roles/ Experience and Background |
| Member name 1 | e.g. NSTDA | e.g. Bioinformatician | Yes | e.g. 10 years research in plant genomics, verification of data sequences etc. |
| Member name 2 | e.g. IHPC, A\*STAR | e.g. CFD modeller | Yes | e.g. Modelling electric automobiles |
| Collaborator name 1 | e.g. University | e.g. Software Engineer | No | e.g software development services and project management etc. |
|  |  |  |  |  |

1. **Ongoing Project (if applicable)**

- Ongoing project ID:- Ongoing project name:- Status of the ongoing project (goal achievement status, etc.)1. **Validity to Perform the Proposal**
* Is this research likely to lead to accomplishment of research achievements or goals, or full-fledged use of Fugaku? [x]  Yes [ ]  No
* Is this a trial proposal to carry out performance verification or performance evaluation of a program in the Fugaku environment? [x]  Yes [ ]  No
* Does the implementation of the proposal conform to the Basic Act on Science, Technology, and Innovation, and to socially accepted ideas and rules, such as follows: the implementation of the research proposal and the utilization of its results shall be limited to peaceful purposes? [x]  Yes [ ]  No

(If the answers are "No", the proposal will not be allowed to use the HPCI system.) |

**Important Notes**

**Eligibility**

* The named proposal representative:
	+ must have the authority to submit the proposal and to execute the proposal upon selection and award,
	+ should be resident within a country of the Association of South-East Asian Nations (ASEAN).
* The named members in Table 4:
	+ should be resident within a country of the Association of South-East Asian Nations (ASEAN) or in Japan.
* The proposal must satisfy the terms of use for Supercomputer Fugaku, such as for non-military purposes etc.

**Submission of Usage Report**

* If selected for the Fugaku Trial call, a user report is to be submitted to A\*CRC no more than 35 days after the end of the trial. A\*CRC will in turn submit a final project report to RIST within 60 days after the end of the trial.
* The proposal representative must ensure that the proposal and all the work done on Fugaku for the trial have no restrictions for the purpose of submitting the user report to A\*CRC and to RIST.