**Oakbridge-CX Supercomputer System**

**Application Form for “Large-Scale HPC Challenge”**

Date:

To: The Director of the Information Technology Center of the University of Tokyo

I hereby apply for the “Large-Scale HPC Challenge” for the Oakbridge-CX Supercomputer System.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project applicant**  Name | | |  | | | |
| Requested date of use  **\*Please check the schedule for the initiative, and fill in up to three preferred dates.** | | | 1st choice | (DD/MM/YYYY) | | |
| 2nd choice | (DD/MM/YYYY) | | |
| 3rd choice | (DD/MM/YYYY) | | |
| Affiliation/Department/Designation | | |  | | | |
| Contact address | | |  | | | |
| E-mail |  | | | | TEL |  |
| Emergency Contact Information(optional) | |  | | | | |

|  |  |
| --- | --- |
| **Project title**  **(Japanese)** |  |
| **Project title**  **(English)** |  |
| **Overview**  **(About 200 words)** |  |

**Contents and goals of the project (One page or less in total, about 1,000 words)**

**Significant/Need for the monopolized use of the system through the Large-Scale HPC Challenge**

* Please write in a few lines including the points that may be useful to other users or the operation of the Center, etc.

**Program Overview**

* **If using more than one program, please duplicate this page and complete one sheet for each program.**

|  |  |
| --- | --- |
| **Program ID**  **(If there are multiple programs, write the serial number.)** |  |
| **Name of program** |  |
| **Contents of computation**  **(2-3 lines)** |  |

**Track record of machine operated (Number of processors, etc.)**

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| --- |
|  |

**Program Overview**

|  |  |  |
| --- | --- | --- |
|  | **Current condition** | **Target** |
| **Maximum problem size** |  |  |
| **Maximum memory capacity used** |  |  |
| **Maximum number of nodes desired (OBCX)** |  |  |

**I/O (Estimated) Maximum scale per job**

|  |  |
| --- | --- |
| **Data input** |  |
| **Data output** |  |

**Execution conditions, etc.**

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| --- |
| **Processing method for large-scale data, strategy (visualization software used, etc.)** |
| **Plans for execution of large-scale jobs (Number of nodes, execution time each session, number of cases, etc.)**  Please provide as many details as possible. e.g., xxxx nodes \* x hours \* x times |
| **Special points of note (Use of special libraries, software, etc.: There are cases where your requests cannot be fulfilled)** |
| **Disk storage**  Disk storage allocated is 16 TB for /work per group. If you have a preference for disk storage, please specify. |
| **Do you have plans to use SSD? Yes　 No** |