**Center for Computational Sciences, University of Tsukuba**

**2024 Multidisciplinary Cooperative Research Project (MCRP-M/S)**

Date(YYYY/MM/DD):　 / /

(Please carefully read “Call for proposals”.)

**1. Project name and representative**

|  |
| --- |
| **Representative (Surname, Given names):****Affiliation:** |
| **Project name(English):** **課題名(日本語)：(if available):** |

(You can enlarge the following spaces, up to the maximum 4 pages in total.)

**２. Scientific significance**

|  |
| --- |
| **Main aim of the project**　[ Product run / Code development ] (Delete one) |
| a) **Scientific background and purpose of the Project** |
| b) **Research Achievements in the past and expected achievements**　　Provide the (hyper)link to your report for 2022 MCRP here, if you have.https://project.ccs.tsukuba.ac.jp/event/21/papers/\*\*\*/files/\*\*\*.pdf**Reference** (if you have publications of MCRP results not written on MCRP2022 project report)[1]  |

**３. Preparation status and Requested resources**

MCRP-M: Fill in all the fields. MCRP-S: d) and e) can be omitted, except for the table in e).

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| a) **Preparation Status** (Program development, Test operation, etc .) |
| b) **Necessity and Reason to use the Supercomputers** |
| c) **Requested Resources**(The same values as those on the online application form MUST be given below.)

|  |  |  |  |
| --- | --- | --- | --- |
| Requested resources | Wisteria-O | Cygnus | Pegasus |
| node×hour (NH) |  |  |  |
| Maximum # of nodes |  |  |  |
| Requested “budget” |  [ = NH ] | [ = NH(Cygnus) + NH(Pegasus)×2 ] |
| Disk capacity |  TB |  TB |  TB |

 |
| d) **Necessity and Reason of Requested Resources****Is the requested disk capacity beyond the standard value?** [ Yes / No ]If “Yes”, describe the reason of necessity (This MUST be given even if you have the same amount of allocation in MCRP2023): |
| e) **Past usage of parallel computers and of MCRP**（If you apply for MCRP for the first time, describe your past usage of parallel computers.）Do you currently have ongoing projects of MCRP in 2023? [Yes / No]If Yes, fill in the following:

|  |  |  |
| --- | --- | --- |
| Name of Computers | OFP | Cygnus/Pegasus |
| Project code | xg\*\*\*\*\*\* | \*\*\*\*\*\*\*\* |
| Initially approved resources (“budget”) |  |  |
| Used resources so far (“budget”) |  |  |

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| f) **2024 HPCI application** (<http://www.hpci-office.jp/folders/english>)Have you applied for the 2024 HPCI application as a representative? [ Yes / No ]If Yes, provide the following:Name of computer:Project name (Japanese and/or English): |