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

**2023 Multidisciplinary Cooperative Research Project (MCRP-M/S)**

Date(YYYY/MM/DD):　 / /

(Please carefully read “Call for proposals”.)

**1. Project name and representative**

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| --- |
| **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**

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| --- |
| **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 2021 MCRP here, if you have.  https://project.ccs.tsukuba.ac.jp/event/19/papers/\*\*\*/files/\*\*\*.pdf  **Reference** (if you have publications of MCRP results not written on MCRP2021 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**   |  |  |  |  | | --- | --- | --- | --- | | 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 MCRP2022): |
| 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 2022? [Yes / No]  If Yes, fill in the following:   |  |  |  | | --- | --- | --- | | Name of Computers | OFP | Cygnus | | Project code | xg\*\*\*\*\*\* | \*\*\*\*\*\*\*\* | | Initially approved resources (node×hour) |  |  | | Used resources so far (node×hour) |  |  | |
| f) **2023 HPCI application** (<http://www.hpci-office.jp/folders/english>)  Have you applied for the 2023 HPCI application as a representative? [ Yes / No ]  If Yes, provide the following:  Name of computer:  Project name (Japanese and/or English): |