## Application for RCCS Computational Resource FY2021 Second Half

- Application Type: Category (B)
- Application Open: Jun. 1, 2021.
- Application Close: Jun. 30, 2021.
- Resource Available Period: Oct. 1, 2021 to Apr. 4, 2022.

# How to Apply

Please go to NINS Open Use System (NOUS) where you can apply for RCCS resources.

### Important Notes on Creating User Account

- User accounts of previous system (imsapply.ims.ac.jp) are migrated to NOUS. If you fail to create new account and error message including your e-mail address is shown, please try "Reset Password" in the login page. In the "Reset Password" page, please input your e-mail address as login ID.
- Account creation wouldn't be completed instantly due to the verification by administrative staff.
    - (New account creation process won't proceed during the night, weekend, and holidays.)

## Application Procedure after logging in to NOUS

(NOUS web pages are not yet fully available in English. This explanation pdf file might be helpful to you. Please check it.)

0. You maybe at "My Page".(*A)
1. Click green "new application" button in that page.
2. Choose IMS-RCCS-B2-en item from the list. (English versions of Category (A), (I) are IMS-RCCS-A-en and IMS-RCCS-I-en respectively.)
3. Fill the contents of the application form according to the "Guide to RCCS application form" below, and then click "Submit App." on the top of the page to complete the submssion. You can save current application by clicking "Save App." on the top. (*A)(*B)(*C)
4. Notification of application submission will be sent to the representative person.
5. Then, print out and fill the consent form for joint research (*A) and ask the immediate manager to put an official seal. Finally, send the consent form with official seal of the immediate manager by postal mail.

(*A) Please also check explanation pdf file.
(*B) The lifetime of web session is 4 hours. If you spent more than one hour, unsaved contents would be discarded. It would be better to save the application data by clicking "Save App." on the top of the page. Please also note that application cannot be saved if any of required fields is empty; you might need to write dummy data on those fields temporarily.
(*C) Once the application created, your application will be listed in "My Page". Click "edit" button if you want to modify application. You can submit application by clicking "submit" button in "My Page". After the submission, you can still edit the application till the application deadline. You don't need to re-submit when editing already submitted application. Just saving application by "Save App." is equivalent to re-submisson for the already submitted application.

## Notes on Application

- Please obtain the approval of your manager in advance.
- Some examples can be found in this page.
- Reasons/estimates should be specific.
    - X hours are required to obtain a trajectory of XXX using Y CPU cores, and N-trajectories will be necessary for the qualitative analysis. Therefore, we request ZZZ (=X*N*....) points.
    - Single run yields XXX MB of data and we are planning to perform N runs for statistical averaging. Thus, we request ZZZ (XXX * N + margin) of disk space including AAA of  margin.
- Please consider the total amount of disk space when you request huge disk space exceeding the standard value.
- Additional resource (CPU points, disk space) request is possible but there are some restrictions.
    - In case of Category (B), total CPU points request (initially approved points + total of additionally requested points) must be <= min( 15,000,000, double of initially approved points).
- In case of switching from Category(A) to Category(B), you should pay attention to following issues.
    - The title of the Category(B) application must be the same as Category(A)'s one.
    - You should write the reason why the category switching is necessary.
    - After the category switching, total CPU points will be "**(already assigned Category(A) CPU points) + (newly assigned Category(B) CPU points)**".

# Guide to RCCS application form

## 1. Basic Information

| **Research Project Information** | |
|---|---|
| Representative<br>Required | Click an empty cell and choose representative person from the NOUS user list. |
| Receipt Number | Automatically added by the system. |
| Application Date | Automatically added by the system. |
| Fraud Prevenion<br>Required | Check the box if you can agree with the contents. |
| Application Details | Please read notices in this page. |
| Various IDs | Fill the IDs if you are former user and you can remember the ID.<br>Leave it blank otherwise. |
| Application Types<br>Required | Choose one from "Molecuar Science", "Physiological Sciences", "Basic Biology" for "Research Field".<br>Category(B) is the only choice for "Application Category". |
| Usage Start Date<br>Required | Input the date directly or using calendar.<br>The start date of FY2021 second half is 2021-10-01 (Oct. 1, 2021) |
| Title of Project<br>Required | Input the project title in English. |
| Immediate Manager<br>Required | Write the name and job title of the immediate manager, who has official seal ("職印" in Japanese). |
| Supervisor Information | This is required only if the representative is a graduate school student.<br>Write the name and job title of the supervisor once your application is approved by him/her. |
| **Resources Information** | |
| CPU Points Request<br>Required | Input the CPU points > 30,001.<br>For 30,000 points application, please use Category(A) (IMS-RCCS-A).<br>The upper limit for Category(B) FY2020 second half application is 7,500,000 points. |
| Reason to request CPU points<br>more than 30,000.<br>Required | Write the reason and the details about estimation.<br>Some examples can be found in this page. |

## 2. Research Details

| | |
|---|---|
| Research Objectives and Goals<br>Required | You can input contents directly in the textbox OR upload contents PDF file (A4 portrait).<br>In case you want to use figures or/and tables, please prepare PDF file. |
| Research Plan<br>Required | You can input contents directly in the textbox OR upload contents PDF file (A4 portrait).<br>In case you want to use figures or/and tables, please prepare PDF file. |
| Publication Status | You can input contents directly in the textbox OR upload contents PDF file (A4 portrait).<br>In case you want to use figures or/and tables, please prepare PDF file.<br>**Publications of recent three years should be listed here.** |
| Other Projects | In case you applied for joint/collaboration research projects of other supercomputer centers (e.g. ISSP),<br>please write the project names here. |

## 3. Members

| **Project Members** | |
|---|---|
| Members of the Project | Choose the representaive first, and then add other members by "add row" button.<br>Job title at this moment should be inputted.<br>(NOT the job title at the start of usage.)<br>For job title field of students, input the school year (e.g. M2, D1, D3).<br>(Undergraduate students who will be graduate students at the usage start can be listed.) |

| | |
|---|---|
| Home Directory (/home) Size<br>Required | Capacity of home directory (/home) size. (Standard size: # of members x 500 GB)<br>In case you want to request larger size than the standard one, please write the reason.<br>Total amount of /home in FY2021: 5.0PB |
| Reason to request larger /home size | This is required if the requested /home size is larger than the standard one. |

## 4. Figures, Tables, PDFs

Upload files by "add row" if necessary.

## 5. Consent Form

| | |
|---|---|
| Consent Form<br>Required | You may be asked to submit a joint research application consent form.<br>Please obtain the approval of your manager in advance.<br>Eligible applicants will be contacted after the application deadline.<br><br>I understand the requsite, I shall obtain the approval of my manager and send the consent form if needed. |