

October 21, 2023

## Call for proposals for the 25th LHD experiment campaign in CY 2024

Dear colleagues,

To prepare the experimental program of the 25th LHD experiment campaign, we are pleased to invite you to submit experiment proposals. **Submission of the proposals will be possible between November 1 and November 30, 2023.** The experiment program of 25th LHD experiment campaign will be established based on the submitted proposals. All the experiment proposals will undergo a review process. The proposals will be selected on the basis of scientific quality in the related research field. The **LHD FY2023 Research Forum, which will be held from December 18 to December 22, 2023 on a virtual basis,** is intended to allow the proponents to present and discuss ideas for experiments to be conducted in the coming 25th LHD experiment campaign.

The details of the 25th LHD experiment campaign are as follows.

### [Schedule]

**Nov 1, 2023** Open of the experiment proposal call

**Nov 30, 2023** Close of the experiment proposal call (*23:59 AOE (anywhere on earth) applies*)

**Dec 18-22, 2023** LHD FY2023 Research Forum (Virtual)

\*The connection details for the LHD FY2023 Research Forum will be sent to the proponents in the week of December 11, 2023.

**Mid-Mar, 2024** Start of 25th LHD experimental campaign

**Mid-Jun, 2024** End of 25th LHD experimental campaign

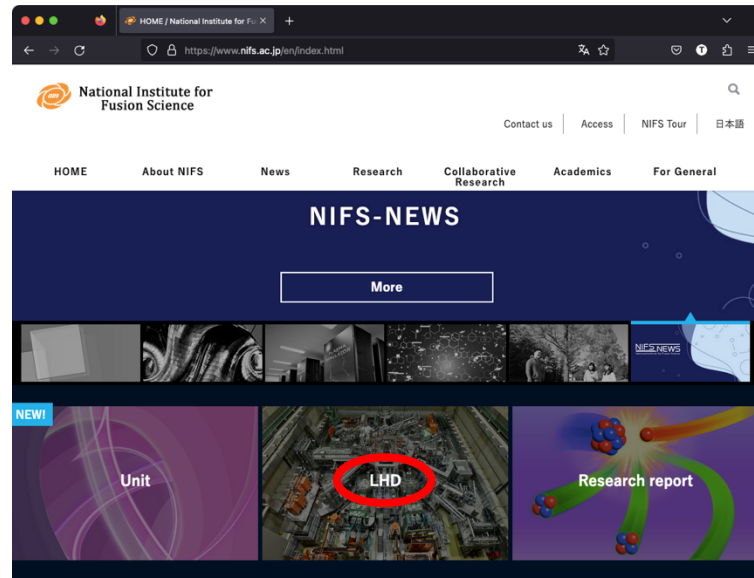
### [Significant changes from the previous campaign and important notes]

- **Deuterium gas is no longer available!** Therefore, no measurements on neutrons will be made.
- In order not to exclude experiment proposals from a wide range of research fields other than magnetically confined fusion plasma, the previous topical group system has been abolished; if you are planning to conduct a new experiment at LHD, please contact and discuss with Naoki Tamura (tamura.naoki@nifs.ac.jp), LHD Experiment Program Task Group Leader, or your NIFS personal contact involved in LHD in advance.
- Each day of the experiment will be from 10:30 a.m. to 4:45 p.m. (previously, it was from around 9:45 a.m. to 6:45 p.m.).
- The number of experimental days will be the same as the shortened 24th LHD experimental campaign (about 53 days).
- Given the above two points, the amount of machine time allocated for the 25th LHD experimental campaign will be much less than in the past. Please note that the allocation of machine time will be based on a priority of the submitted experiment proposals, which will be assigned through discussions in the LHD Experiment Program Task Group.

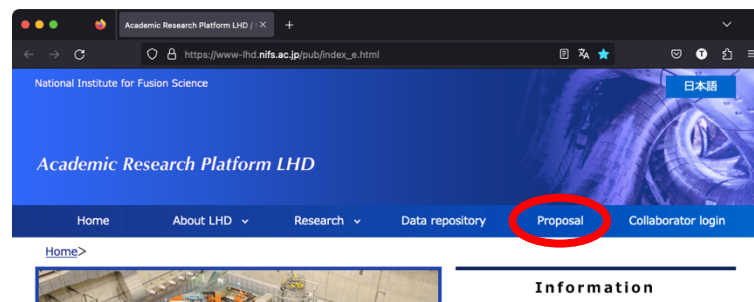
**[To the proposal submission website]**

**# The following operations must be performed after November 1, 2023.**

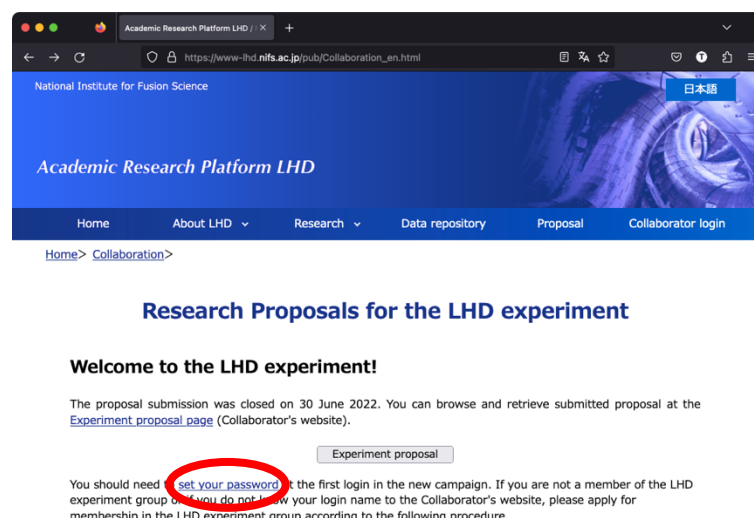
1. Please go to the NIFS website, <https://www.nifs.ac.jp/en/index.html>
2. Click “LHD” in the middle of the NIFS website.



3. Click “Proposal” in the top banner.



4. Click “set your password” if you are logging to the “LHD collaborator’s website” including the “Proposal submission page” for the first time after April 2023.



# If you forgot your email address used for NIFS collaborative research, please ask your NIFS personal contact or Ms. Keiko Kohketsu ([kohketsu.keiko@nifs.ac.jp](mailto:kohketsu.keiko@nifs.ac.jp)).

5. After renewing your password, please click the “Proposal submission page.”



Submitting a proposal through the submission website requires all LHD collaborators' credentials. If you are not an LHD collaborator or are not sure if you are an LHD collaborator, please input the necessary information into the “Registration information” form on the “Proposal” web page of “Academic Research Platform LHD” website.

We are looking forward to receiving many exciting proposals!

#### [Contact]

Assoc. Prof. Dr. Naoki Tamura (tamura.naoki@nifs.ac.jp)

National Institute for Fusion Science

LHD Experiment Program Task Group Leader

LHD User Group Secretary-General