

Dear Colleagues,

It is a pleasure to announce that the LHD Workshop will take place at the Nagoya Noh Theatre (<https://www.nagoya-info.jp/en/spot/detail/36/>) from Monday, February 15 to Friday, February 19, 2027. The workshop will include a mix of invited lectures, contributed talks, and poster presentations. Further information will be posted on the following website as it becomes available:

<https://lhdws2027.nifs.ac.jp/>

The LHD experimental program was successfully completed on December 25, 2025, marking the conclusion of approximately 28 years of operation. We would like to express our sincere gratitude to all collaborators for their invaluable support, which made it possible to carry out the experiments safely and continuously over this long period. Although the experimental program has come to an end, the research network built around LHD remains an irreplaceable and valuable asset. We hope to continue our collaboration through future research activities in post-LHD projects, as well as through further studies based on LHD experimental data.

With this purpose in mind, we are planning this workshop as an opportunity for interaction and discussion among participants. The workshop will cover a wide range of topics, including summaries of achievements from LHD, progress reports on ongoing research, future research plans based on LHD results, and interdisciplinary developments inspired by knowledge gained from LHD experiments. Broad participation is highly encouraged. In particular, reports on the progress of data analysis from those who conducted experiments in the 25th and 26th experimental campaigns are greatly appreciated.

We also warmly welcome contributions from researchers who have not been directly involved in LHD experiments. In particular, presentations that help identify and clarify key issues for the post-LHD projects would be greatly appreciated. These may include perspectives on the role of LHD from the tokamak community or constructive criticism of LHD experiments. We hope that such contributions will serve as an opportunity for new participants to become involved in this community.

The venue, Nagoya Noh Theatre, is a traditional theatre dedicated to Noh, a classical Japanese performing art. It features a wooden stage constructed according to traditional architectural styles and is located next to Nagoya Castle. It is also conveniently accessible from Nagoya Station and the city center. The workshop will be held using this Noh stage, and participants are expected to enjoy the unique atmosphere of this traditional setting.

Dates: February 15–19, 2027

Venue: Nagoya Noh Theatre

Website: <https://lhdws2027.nifs.ac.jp/>

We look forward to welcoming you to Nagoya.

Hiroshi Yamada, Workshop Chair
National Institute for Fusion Science

Motoshi Goto, Workshop Organizer
National Institute for Fusion Science

On behalf of the organizing committee