

July 21, 2023

## Call for Beam-Time Scheduling Requests

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We are now calling for beam-time (BT) scheduling requests for the experiments approved by PAC (Program Advisory Committee), that will be ready to run from October 2023 to March 2024. As for the operation plan during this period, please refer to the “operation schedule” attached to this announcement.

Representatives who have experiments approved by PAC are eligible to submit beam-time scheduling requests. Please fill out the “**Beam-Time Request Table**,” and upload your file to:

<https://riken-share.ent.box.com/f/a52b4f6c4d3a44459f0b542a3275fe7b>

The submission deadline is **5:00PM (JST), August 4 (Fri.), 2023**. Please note that only the submission of the “**Beam-Time Request Table**” is needed in this step. The file in the latest format can be downloaded at:

<https://riken-share.box.com/shared/static/e6thgninx4puzkhu85lch80wgzgj5hog.xls>

If you have questions which are not answered on our FAQ web site:

<http://www.nishina.riken.jp/RIBF/procedure/faq.html> ,

please contact us: [UserSupportOffice@ribf.riken.jp](mailto:UserSupportOffice@ribf.riken.jp) .

### **Process of the beam-time scheduling**

After receiving “**Beam-Time Request Table**,” we will make a BT schedule plan in mid-August. The following week will be used for trimming and finalizing the BT schedule. Comments and further requests to the RIBF Users Office are welcome during this week. Please note that beam-time allocation depends on the priority of the PAC recommendations, accelerator status and other constraints.

Once your experiment is scheduled, RIBF Users Office requests you to submit the “**Accelerator-Use Planning Sheet**.” The safety aspects of your experiment are reviewed based

on the submitted “**Accelerator-Use Planning Sheet**” by the in-house Safety Review Committee, the Radiation Safety Liaison Officer and the Radiation Protection Supervision of RIKEN. You should respond immediately when any concerns regarding safety issues are notified by the in-house Safety Review Committee through RIBF Users Office. If RIBF Users Office does not receive any response, your beam-time request will be automatically CANCELED. Details of the necessary procedures will be announced to the representatives whose BTs are scheduled.



## The operation schedule from October 2023 to March 2024

The figure below is a tentative operation plan from October 2023 to March 2024. Please note that this plan is still subject to change when a new situation appears. Please be ready for a sudden change of the schedule.

### SRC/BigRIPS-based facility:

There happened a couple of serious hardware troubles in the SRC since December 2022, and we are now in a recovery phase. Although we do not know yet when we can resume the SRC operation, we call for the beam time scheduling requests assuming that the SRC will be available from mid-October to mid-December. The beam species we suppose to use are  $^{18}\text{O}$  and  $^{124}\text{Xe}$ , but requests with other beam species are also accepted. The call for the series of experiments from the next spring, starting in April 2024, will be issued in late December or early January.

### AVF/RILAC/RRC-based facility (lower energy):

The RRC will be available when SRC/BigRIPS experiments are not scheduled. The AVF standalone is, in principle, available anytime except when the AVF is used for SRC/BigRIPS and RRC experiments.

The operation of the RILAC will be concentrated on the Nishina Center mission experiments. It is not likely that PAC-approved academic experiments can run in this period.

