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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 April to September 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), January 30 (Tue.), 2024**. 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:

<http://www.nishina.riken.jp/RIBF/procedure/index.html#BTReq> .

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 .

Process of the beam-time scheduling

After receiving “**Beam-Time Request Table**,” we will make a BT schedule plan in early February. 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 April to September 2024

The figure below is a tentative operation plan from April to September 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:

We plan to resume the SRC/BigRIPS operation in April, after recovery from a couple of serious hardware troubles that happened in SRC. The operation will be for 3 months, from April to June. The first beam species is ^{18}O , and soundness of the repaired devices is checked. The beam species after ^{18}O are not fixed yet. The possible candidates are ^{70}Zn and ^{124}Xe , but we welcome requests with other beam species to seek for an efficient beam time schedule. The call for the series of experiments from the next autumn, starting in October 2024, will be issued in June.

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.

