

# RIKEN open day 2023

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RIKEN open day was held at the Wako campus on Saturday, October 14, 2023 in hybrid style with both online and on-site activities. Four lectures were live-streamed, along with newly created video content, titled ‘let’s build a quantum computer with semiconductors,’ all of which garnered over 1000 views. Meanwhile, a total of 3509 people visited the Wako campus. This time, an advance reservation system was introduced for this edition of the event, with 2945 visitors making individual reservations and 315 visitors booking as part of a group. In addition, 249 visitors arrived directly at the reception desk without reservations. Compared to the pre-COVID-19 period, approximately half of the laboratories were showcased to the public on-site.

As usual, the Nishina Center held a RI beam factory (RIBF) tour. A guide map of the RIBF tour is shown in Fig. 1. The world’s strongest superconducting ring cyclotron and the in-flight RI beam separator (BigRIPS) were showcased at numbers 2 and 5 in Fig. 1, respectively, as symbolic devices of RIBF. During the basement tour, the RI Physics group, University of Tokyo CNS, Nuclear Dynamics Research group, and RHIC Physics Research laboratory showcased their work to the public through poster displays. In the Cyclopedia, three

laboratories of Nuclear Chemistry, Superheavy Element Research, and Ion Beam Breeding introduced their respective work. Furthermore, the User Liaison group organized the 3D nuclear chart made by LEGO and opened the Yoshio Nishina Memorial room to the public for the first time. Figure 2 shows photos of visitors listening intently to the explanations provided. Notably, the cosmic radiation laboratory introduced their research in the main research building.

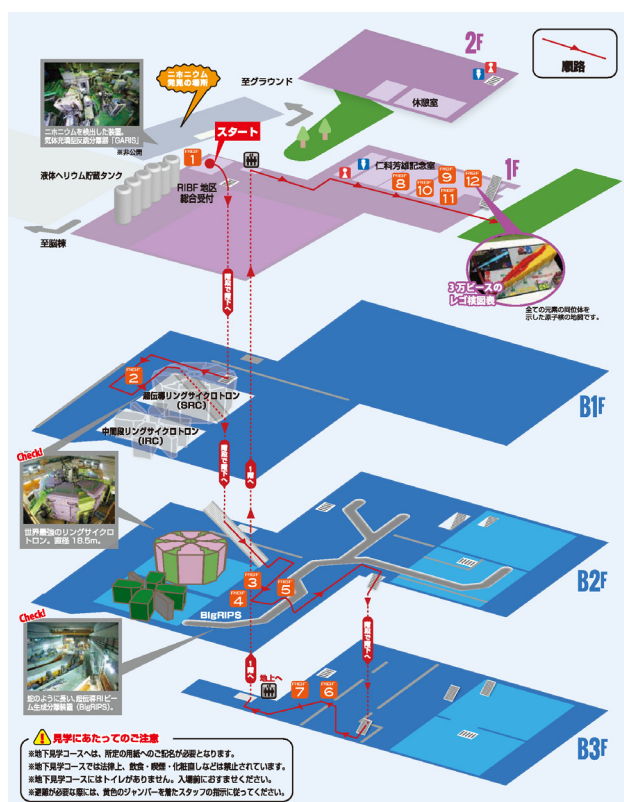


Fig. 1. Guide map of the RIBF tour.



Fig. 2. These photos show the RIBF tour. The numbers correspond to the areas shown in Fig. 1.

The RIBF tour had a total of 1390 visitors. The ratio of in tour participants to the total number of visitors was approximately same as the last edition of the event.<sup>1)</sup> This tour continues to be one of the highlights of the Wako RIKEN open day. We would like to thank all those who served as tour guides, as well as to the safety management group, assistants, and promotion office staff for their cooperation. The next Wako RIKEN open day will be held on Saturday, October 5, 2024.

## Reference

- 1) H. Haba and K. Takahashi, RIKEN Accel. Prog. Rep. **53**, 232 (2019).

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