

User Liaison Group Outreach Team

1. Abstract

The mission of the Outreach Team is to provide various “intangible” technical support for the dissemination of information on the research in the RNC. For instance, the team creates brochures introducing the RNC and the RIBF accelerator facility, posters of symposia and the summer school hosted by the RNC, the center homepage containing information such as details of the RNC and the procedure for the use of the RIBF facility, and images of equipment and facilities available for researchers inside and outside RIKEN, among the others. Furthermore, the team also participates in science introduction events hosted by public institutions.

2. Major Work Contents

The major work contents of the Outreach Team is to promote the publicity of the RNC, through the creation of various materials such as brochures, websites, posters, and videos, among the others. The arrangement of tours of the RIBF facility and the exhibition and introduction of the RIBF facility at science events are also conducted independently or in cooperation with RIKEN Public Relations Office.

3. Summary of Work Activity

The specific work contents performed by the team are as follows:

- [Website] The Team creates/manages the RNC official website (<http://www.nishina.riken.jp>), which introduces the organization and its research activities. This website plays an important role in providing information to researchers who visit the RNC to conduct his/her own research.
- [Pamphlets] The Team has produced various pamphlets introducing the organization of and the studies performed at RNC. The pamphlet named “Your body is made of star scraps” explaining element synthesis in the universe and “Introduction of RIBF Facility” in a cartoon style for children are among them. As a related effort, a notebook for elementary school students featuring RIBF was produced in FY2022. The notebooks will be distributed to elementary school students
- [Posters] Conference/Symposium posters connected with RNC were prepared on the request of organizers. For general purpose, a special poster featuring the nuclear chart has been prepared for distribution. In commemoration of the discovery of nihonium, brochures and posters dedicated to the ceremony were made.
- [RIBF Cyclopeda] In April 2012, the permanent exhibition hall (RIBF Cyclopeda) located at the entrance hall of the RIBF building was set up in cooperation with RIKEN Public Relations Office. Explanatory illustrations on nuclear science, research at RIBF, RIBF history, a 3D nuclear chart built with LEGO blocks, and a 1/6-size GARIS model are displayed to help understanding through visual means. The Team is also working on updating the exhibits.
- [RIBF facility tour] The Team arranges RIBF facility tour for over 2000 visitors per year. The tour is guided by a researcher. Although the number of visitors has not yet reached this level, the number of RIBF tour participants showed a recovery trend in FY2022 as the situation in COVID19 improved.
- [Science event participation] In 2010, 2012, 2013, 2015, and 2016, the Team opened an exhibition booth of RNC to introduce the latest research activities on the occasion of the “Science Agora” organized by Japan Science and Technology Agency (JST). From time to time, the Team was invited to participate in scientific events by MEXT, Wako city, and Nissan global foundation. One attraction targeting children is the hands-on work of assembling “Iron-beads” to create a nuclear chart or a shape of nihonium. For FY2022, the Team did not exhibit at these events, but provided technical assistance to online participants at an event for students held at the RNC.
- [RIKEN Wako Open Campus] In the FY2022 Open Campus, the Team continued to produce all videos to introduce RIBF for online viewing as did last year. The RIBF facility tour was also conducted with a limited number of visitors, with COVID-19 infection control measures in place. Not only the Team, but also almost all members of the User Liaison Group cooperated in the tour event.
- [Yoshio Nishina Memorial Office Unveiling Ceremony] The “Yoshio Nishina Memorial Office Unveiling Ceremony” and the Symposium “Trajectory/Miracle of the RIKEN Yoshio Nishina Laboratory” were held at the RNC on October 28, 2022. The Team has been involved in the preparation of the ceremony from the beginning, producing pamphlets and commemorative items.

In addition to the above-noted work contents, the Team conducts a variety of works, such as taking pictures of meetings organized by RNC, cooperation in the production of a 3D video to explain the accelerators and the research at RIBF, among the others.

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