

----- Draft for Nishina School 2024 -----

First Week

July 25, Thu.

9:10- paperwork, minimum notes (RIBF 2F Conference Hall)

* Opening (RIBF 2F Conference Hall)

9:30 - 9:35 Group Photo

9:35 - 9:40 Welcome (Ishiyama, RNC/RIKEN)

9:40 - 10:00 Introduction of RIKEN

(Dr. Naka, Executive Director/RIKEN)

10:00 - 10:20 RNC and RIBF

(Prof. Sakurai, Director of RNC/RIKEN)

10:20 - 11:40 Self-Introduction by students

* Lunch

* Afternoon Program (RIBF 2F Conference Hall)

13:30 - 14:10 Network Security and Other Notes

(Baba san & Users office, RIKEN)

14:10 - 14:40 Introduction of program (Ishiyama, RIKEN)

15:00 - 16:00 Lecture 1 "A wonderworld of atomic nuclei: from tiny
to infinity"

(Zaihong Yang, PKU)

16:15 - 17:15 Lecture 2 "How to See the Invisible World"

(Seonho Choi, SNU)

July 26, Fri.

* Morning Program (RIBF 2F Conference Hall)

10:00 - 11:30 RIBF Tours

(Chaoyi Fu, Marco, RNC/RIKEN)

* Lunch

* Afternoon Program (RIBF 2F Conference Hall)

13:30 - 14:15 Lecture 3 "Detectors & Pulse signals" (Isobe san)

14:30 - 15:30 Training A "Pulse signal" (Isobe san and group teachers)

15:45 - 17:00 Training B "NaI(Tl) Scintillator"

(Isobe san and group teachers)

Second Week

July 29, Mon.

* Morning Program (RIBF 2F Conference Hall)

10:00 - 10:45 Lecture 4 "Radiation Safety" (Tanaka san, RIKEN)

10:45 - 11:30 Lecture 5 "Nuclear Astrophysics" (Nishimura san, RIKEN)

* Lunch

* Afternoon Program (RIBF 2F Conference Hall)

13:30 - 14:15 Lecture 6 "Cross section measurement" (Ishiyama, RIKEN)

14:30 - 17:00 Consideration on the Group Experiment (Group teachers)

July 30, Tue.

9:30 - 9:40 Briefing (RIBF 2F Conference Hall)

10:00 - 11:45 Visit to the Experimental Area (Pelletron)

Group experiment (preparation)

* Lunch

* Afternoon Program (RIBF 2F Conference Hall & Exp. Area)

13:30 - 17:00 Group Experiment (consideration, preparation)

July 31, Wed.

9:30 - 9:40 Briefing (RIBF 2F Conference Hall)

9:40 - 18:00 Group Experiment (reaction measurements)
(Exp. Area)

Aug 1, Thu.

9:30 - 9:40 Briefing (RIBF 2F Conference Hall)

9:40 - 11:45 Group Experiment
(auxiliary measurements / analysis)
(Exp. Area & RIBF 2F Conference Hal)

* Lunch

13:30 - 17:00 Group Experiment (data analysis)
(RIBF 2F Conference Hal)

August 2, Fri.

* Morning Program

10:30 - 11:45 Preparation of Presentations
(RIBF 2F Conference Hall)

* Lunch

* Afternoon Program

13:30 - 16:00 Presentations by students
16:00 - 17:00 Summary & Closing

* Farewell Party

18:00 - 20:00 Party (Everybody) (Hirosawa club)