

The 13th NISHINA SCHOOL
JULY 30 – AUGUST 9, 2019
PLACE : RIBF Building, RIKEN Nishina Center



First Week

July 30, Tue.

9:15- paperwork, minimum notes (RIBF 2F Conference Hall) (User Office)

* Opening (RIBF 2F Conference Hall)

10:00 - 10:10 Nishina School overview (Welcome) (Hideki Ueno)
10:10 - 10:45 RNC and RIBF (Motobayashi)
10:45 - 11:30 Self-Introduction by PKU, SNU, HKU delegations
11:30 - 11:50 Introduction of RIKEN
(Motoko Kotani, RIKEN Executive Director)
11:50 Group Photo

* Lunch

* Afternoon Program (RIBF 2F Conference Hall)

13:30 - 14:00 Introduction of Nishina school (Jing Wu)
14:00 – 14:30 Introduction of program (Ishiyama)
14:30 - 15:30 Network Security and Other Notes (User office)
15:30 - 16:15 Lecture 1 “Nuclear Physics Experiments”
(Seonho Choi)

July 31, Wed.

* Morning Program (RIBF 2F Conference Hall)

9:30 - 11:00 RIBF Tours
(Motobayashi and Ishiyama)
11:15 - 12:00 Lecture 2 “Detector and Signals”
(Motobayashi)

* Lunch

* Afternoon Program (RIBF 2F Conference Hall)

14:00 - 15:00 Training A “Pulse Signals” (Sidon Chen)
15:15 – 16:00 Lecture 3 “Interaction of Gamma-rays and Particles in
Matter” (Ishiyama)
16:15 - 17:15 Training B “NaI(Tl) Scintillator”
(Ishiyama/Chen)

* A Get Together

18:00 - 20:00 “Do it yourself” party (RIBF 4F 401)

Aug 1, Thu.

- * Morning Program (RIBF 2F Conference Hall)
 - 9:30 - 10:30 Training B “NaI(Tl) Scintillator-continued” (Ishiyama/Chen)
 - 10:30 – 11:45 Lecture 4 “Nuclear Astrophysics” (Motobayashi)
- * Lunch
- * Afternoon Program (RIBF 2F Conference Hall)
 - 13:30 – 16:45 Consideration on the Group Experiment

Aug 2, Fri.

- * Morning Program (RIBF 2F Conference Hall)
 - 9:30 - 10:15 Lecture 5 “Radiation Safety” (Kanenobu Tanaka)
 - 10:30 – 11:45 Visit to the Experimental Area (Pelletron)
- * Lunch
- * Afternoon Program (RIBF 2F Conference Hall)
 - 13:30 - 13:40 Briefing (RIBF 2F Conference Hall)
 - 13:30 - 16:45 Group Experiment (consideration, preparation)
(RIBF 2F Conference Hall & Exp. Area)

Second Week

Aug 5, Mon.

* Morning Program (RIBF 2F Conference Hall)

10:00 - 10:10 Briefing

10:10 - 11:45 Group Experiment (preparation, planning)
(RIBF 2F Conference Hall & Exp. Area)

* Lunch

* Afternoon Program (RIBF 2F Conference Hall)

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

(RIBF 2F Conference Hall & Exp. Area)

Aug 6, Tue.

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

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

Aug 7, Wed.

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

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

* Lunch

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

Aug 8, Thu.

* No specific program

(Each group can continue the analysis or prepare for presentations next day.
Students can ask questions. RIBF 2F Conference Hall is available.)

August 9, Fri.

* Morning Program

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

* Lunch

* Afternoon Program

13:30 - 16:00 Presentations by students

16:00 - 17:00 Summary & Closing (Motobayashi)

* Farewell Party

18:00 - 20:00 Party (Hirosawa Club 1F) (Everybody)