

# ALICE/sPHENIX/STAR/EIC-J joint workshop

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A joint workshop of ALICE, sPHENIX, STAR, and EIC-J groups was held in the large conference room at RIBF on September 28th and 29th.<sup>a)</sup> Although the research topics presented were similar to each other, there were not too many occasions to interact with each other specially for students. This workshop was the first attempt to having a dedicated joint workshop between Japanese collaboration groups of above four different overseas experimental projects.

The concept of the meeting was as follows. Each of the groups that make up ALICE-J, sPHENIX-J, STAR-J, and EIC-J has many students who were motivated to do research. Deepening interactions among students and stimulating each other beyond the boundaries of experiments will motivate further research and lead to future perspectives. Although the COVID pandemic has made it difficult for students to interact with each other as before, the purpose of this workshop was to encourage interaction and friendship among students beyond the boundaries of groups and experiments, and to broaden each student's insight, which could lead to their active participation in the workshop.

A group photo of participants are shown in Fig. 1. There were total of 51 participants to the workshop. Among them, 37% were staff members and 63% were students as shown in Fig. 2.



Fig. 1. A group photo of the workshop participants.

The workshop consisted of six major topic sessions as follows:

- bulk physics
- physics of hard probes

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Fig. 2. The fraction of participants.

- EIC physics
- detector performance
- silicon sensors
- DAQ technologies

Each session was typically started by the 20 minutes overview talk by staff member then followed by 15 minutes students talks. There were 38 talks during the 2 days of the workshop. The 28 student talks occupied a large fraction of workshop time as originally aimed as it was a good opportunity to present a major progress in their own research in front of such large audiences as shown in Fig. 3. A staff member took a role of each session chair though, a question-and-answer session was mainly exchanged among students. Students were well stimulated their motivation to come back to the next workshop to present good progress in their research. Overall, the workshop was quite successful.



Fig. 3. Presentation by a participated student.

<sup>a)</sup> <https://indico3.cns.s.u-tokyo.ac.jp/event/287/> (Access key is necessary.).