

BNL Nuclear Physics PAC 2022 Charge and Agenda

March 20, 2022

Charge

STAR: Beam Use Requests for Runs 23-25

sPHENIX: Beam Use Requests for Runs 23-25

CeC: Beam Use Requests

The Beam Use Requests should be submitted in written form to PAC by May 6, 2022

The BURs should be based on the following number of cryo-weeks. The first number is the proposed RHIC run duration for scenario 1 and the second number corresponds to optimal duration (scenario 2) presented to the DOE-ONP in BNL's FY24 Lab Managers' Budget Briefing:

2023: 24 (28)

2024: 24 (28)

2025: 24 (28)

Note the eventual running cryo-weeks for each run will depend on the final budget guidance for that year so it can be lower than 24 weeks.

Presentations:

STAR: Report on Run 2022, update on BES-II, small systems and spin physics analyses, and the latest development regarding the Isobar results.

CeC X: Results from Run 2022

PHENIX: Update on ongoing analysis efforts and data archiving efforts

sPHENIX: Installation status and schedule including TPOT status, commissioning, computing plan and readiness for data taking.

Written report from the PAC is expected within two weeks after the meeting.

Draft Agenda

DAY 1 Thursday, June 2, 2022

- 8:30 Executive Session - PAC & ALD (30 m)
- 9:00 Status of PHENIX Data Analysis and Data Preservation (25+5m) Y. Akiba
- 9:30 STAR -
 - Run 2022 Report and Cold QCD Update (20+5m) E. Aschenauer
 - Heavy Ion Update on BES-II, Isobars and Small Systems (30+5m) H. Caines
- 10:30 sPHENIX Installation Status and Schedule including TPOT (25+5m) E. O'Brien
- 11:00 Break (15m)
- 11:15 sPHENIX Readiness for Data Taking including Computing and Commissioning plan (25+5 min) D. Morrison?
- 11:45 sPHENIX - Beam Use Requests for Runs 23-25 (40+15m) G. Roland
- 12:40 Lunch Break & Executive Session - PAC [& ALD on request] (65m)
- 13:45 STAR - Beam Use Requests for Runs 23-25 (40+15m) L. Ruan
- 14:40 Run 2022 Results and Findings from CeC X (25+10m) V. Litvinenko

- 15:15 Executive Session (90m)
 - Send homework questions to the Collaborations

DAY 2. Friday June 3, 2022

- 9:00 Responses on homework questions by the Collaborations (60m)
- 10:00 Executive Session - Report Writing (2.5hr)
- 12:30 Lunch Break (45m)
- 13:15 Closeout (30m)
- 13:45 End of the PAC meeting

*pending Run 2022 results