**BNL Nuclear Physics PAC 2023 Charge and Agenda**

August 7, 2023

**Charge**

STAR: Beam Use Requests for Runs 24-25

sPHENIX: Beam Use Requests for Runs 24-25

The Beam Use Requests should be submitted in written form to PAC by **August 25, 2023**

The BURs should be based on the following number of cryo-weeks. For Run 2024, we ask that you consider three scenarios for 20, 24 and 28 cryo-weeks each, given the uncertain budgetary situation. Additionally due to the recent Blue Ring valve box event, we ended Run 2023 in August so six Au+Au weeks from Run 2023 will be carried forward into Run 2024

For Run 2025, 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 FY25 Lab Managers’ Budget Briefing:

2024:  20/24/28 + **six weeks of Au+Au**

2025:  24 (28)

Note the eventual running cryo-weeks for each run will depend on the final budget guidance for that year.

Presentations:

STAR: Run 2023 report, update on analyses of Cold QCD & Heavy Ion programs including BES-II data.

PHENIX: Update on data analysis and data preservation efforts.

sPHENIX: Update on detector commissioning and integration, and first science plan including computing need.

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

**Draft Agenda**

**DAY 1 Monday, September 11, 2023**

8:30 Executive Session - PAC & ALD (45 m)

9:15 Status of PHENIX Data Analysis and Data Preservation (25+5 m) Y. Akiba

9:45 STAR -

Run 2023 Report (15+5) J.H. Lee

Cold QCD Update (20+5m) E. Aschenauer

Heavy Ion Update including BES-II (30+5m) F. Guerts

11:05 Break (15m)

11:20 sPHENIX commissioning and integration, and plan for first science (30+10m) D. Morrison

12:00 Lunch Break & Executive Session - PAC [& ALD on request] (75m)

13:15 sPHENIX - Beam Use Requests for Runs 24-25 (40+15m) G. Roland

14:10 STAR - Beam Use Requests for Runs 24-25 (40+15m) L. Ruan

15:05 Break (15m)

15:20 Executive Session (90m)

Send homework questions to the Collaborations.

**DAY 2. Tuesday September 12, 2023**

9:00 Responses on homework questions by the Collaborations (60m)

10:00 Executive Session - Report Writing (2.5hr)

12:30 Lunch Break (60m)

13:30 Closeout (30m)

14:00 End of the PAC meeting