

RIKEN BNL Research Center

Predictions for sPHENIX

Hosted by Brookhaven National Laboratory

July 20–22, 2022



Welcome

- Website: <https://www.bnl.gov/sphenix2022/>
 - Agenda page direct link: <https://indico.bnl.gov/event/15482/>
- Speakers: Post talks to Indico or send to Anne day before your talk
- Zoom link sent to registered participants by Pam
- Workshop Coordinator: Pam Esposito (pesposit@bnl.gov)
- Workshop Organizers:
 - Megan Connors (GSU) (mconnors@gsu.edu)
 - Yacine Mehtar-Tani (BNL & RBRC) (ymehtar@gmail.com)
 - Genki Nukazuka (RBRC) (genki.nukazuka@riken.jp)
 - Dennis Perepelitsa (CU Boulder, BNL) (dvp@bnl.gov)
 - Anne Sickles (UIUC) (sickles@illinois.edu)

BNL CoVid 19 Precautions

- Suffolk County CDC CoVid Level is currently High
- Masks are required at BNL
- <50 people allowed in LSR
- Practice social distancing
- Proof of a negative CoVid test



COVID-19 County Check

Find community levels and prevention steps by county. Data updated weekly.

Select a Location (all fields required)

New York

Suffolk County

Go

[< Start Over](#)

● High

In Suffolk County, New York, community level is High.

- Wear a [mask](#) indoors in public
- Stay [up to date](#) with COVID-19 vaccines
- [Get tested](#) if you have symptoms

Lunches and Coffee Breaks



- Snacks and coffee provided for breaks
- BNL Cafeteria is closed. Food Trucks available.
- Workshop provides sandwich/wraps boxed lunches which can be eaten outside in courtyard
- Encourage socially distant discussions over lunch
- Courtyard has been cleaned and trimmed for our use. Please clean up after yourselves.

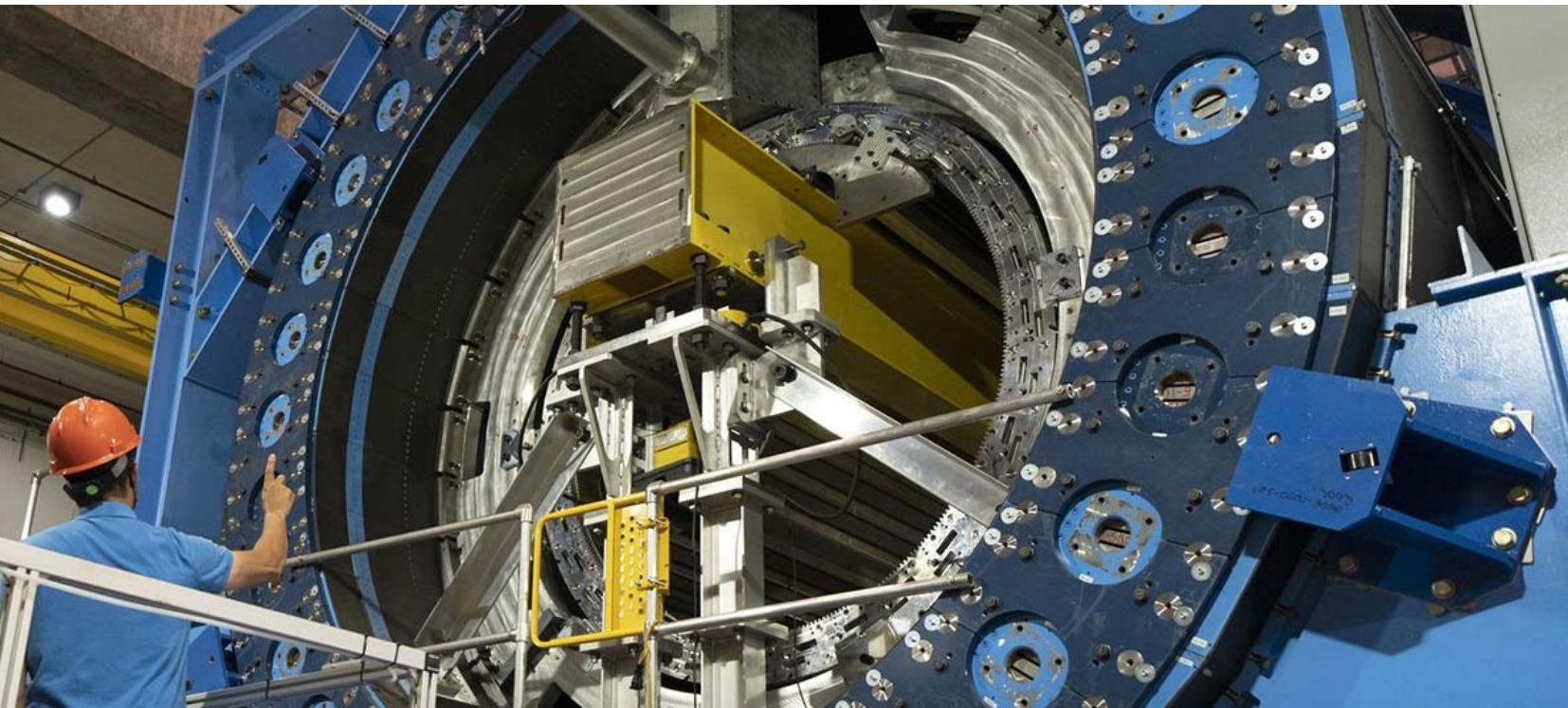
Dinners On Your Own



- Need a ride etc? Talk to an organizer
- Some suggestions:
 - Painters, 416 S Country Rd, Brookhaven, NY 11719
 - Drifters, 1600 Middle Country Rd, Ridge, NY 11961
 - Brickhouse Brewery, 67 W Main St, Patchogue, NY 11772
 - Alexandros Restaurant, 1060 Route 25A, Mount Sinai, NY 11766

sPHENIX Tour

- Planning for Friday afternoon, 4pm
- Will collect a list of people before Friday
- sPHENIX is the construction phase please dress accordingly



Goals of Workshop

- “Enhance the discussions between the experimentalists making the measurements and the theorists whose models will be tested and constrained by the new data.”
- To propose and discuss new observables.
- For theorists wishing to make final predictions of anticipated observables before data collection commences

Compilation of these Predictions

- If sufficient interest, we would like to write a paper on the predictions presented at this workshop
- For example a series of predictions prior to pPb:
<https://arxiv.org/pdf/1301.3395.pdf>
- Requires: 1 or 2 key prediction plots and accompanied text
- Deadline: ~1 month
- Compiled by the organizers
- If you are interested and able to provide material on this timescale:
 - Talk to an organizer or email Dennis preferably by lunch tomorrow

Any Questions?

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