

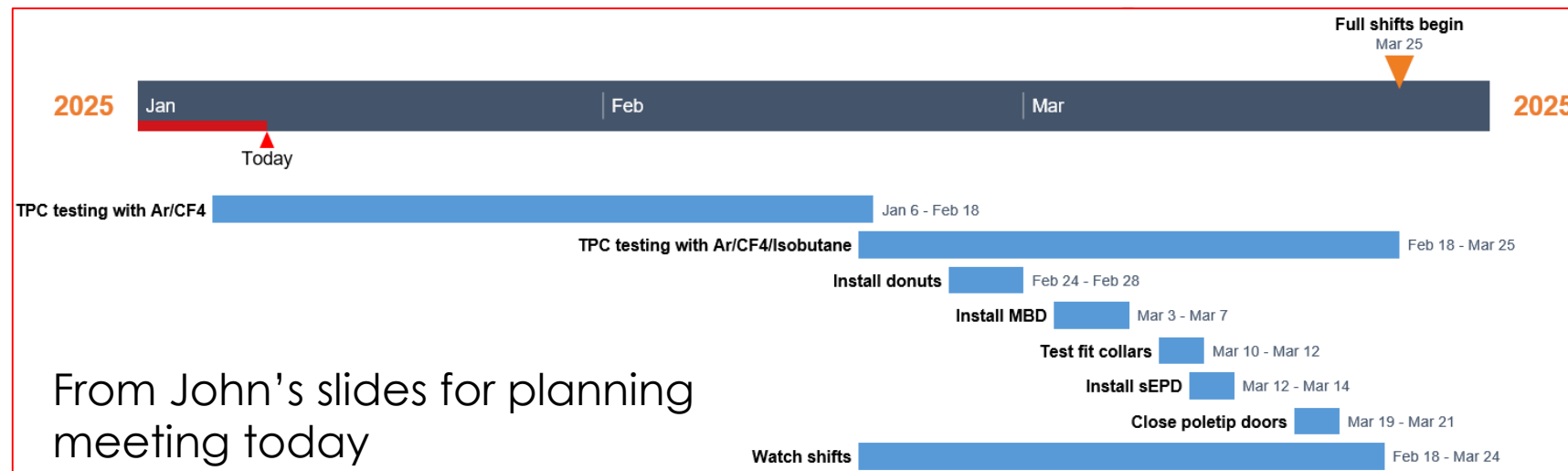
Schedule for Run25

Akitomo Enokizono

FY2025 Shutdown



From John's slides for sPHENIX Collaboration Meeting



From John's slides for planning meeting today

sPHENIX shift sign-up

- sPHENIX shift sign-up opened at noon on Jan. 6 (EST)
 - At this moment, the sign-up form is prepared for Feb.18 – Oct.14
- Different from Run24, you can release the reserved shift slot by 4 weeks before the date
 - If you are almost sure about your travel schedule, please sign-up your shift as soon as it opens
 - Still many shift opens before QM and after September.
- 2.7 shifts per person for Run25
 - Rosi recommended to take shift up to two consecutive weeks, but not forbid three consecutive weeks

Week	Period Coord.	Shift	Shift Leader	Detector Opr.	DAQ Opr.	Data Monitor Opr
Mar 18th - Mar 25th	<u>Martin Puraschke</u> Brookhaven National Laboratory	0:00-8:00	Silas Grossberndt Baruch College, CUNY			
		8:00-16:00	Anthony Hodges University of Illinois, Urbana-Champaign	Walt Sondheim Los Alamos National Laboratory		
		16:00-00:00		Xin Dong Lawrence Berkeley National Laboratory		
Week	Period Coord.	Shift	Shift Leader	Detector Opr.	DAQ Opr.	Data Monitor Opr
Mar 25th - Apr 1st	<u>Eric Mannel</u> Brookhaven National Laboratory	0:00-8:00	Silas Grossberndt Baruch College, CUNY	Jennifer James Vanderbilt University	Laurynette Griffin Vanderbilt University	Chris Platte Vanderbilt University
		8:00-16:00	Caroline Riedl University of Illinois, Urbana-Champaign	Anthony Hodges University of Illinois, Urbana-Champaign	Yasser Corrales Morales Massachusetts Institute of Technology	Walt Sondheim Los Alamos National Laboratory
		16:00-00:00			Jo Schambach Oak Ridge National Laboratory	Adeeb Saed Lehigh University
Week	Period Coord.	Shift	Shift Leader	Detector Opr.	DAQ Opr.	Data Monitor Opr
Apr 1st - Apr 8th	<u>Eric Mannel</u> Brookhaven National Laboratory	0:00-8:00	Sean Stoll Brookhaven National Laboratory			
		8:00-16:00	Jakub Kvačil Los Alamos National Laboratory	Caroline Riedl University of Illinois, Urbana-Champaign	Xudong Yu Peking University	Yasser Corrales Morales Massachusetts Institute of Technology
		16:00-00:00	Tristan Protzman Lehigh University		Takao Sakaguchi Brookhaven National Laboratory	
Week	Period Coord.	Shift	Shift Leader	Detector Opr.	DAQ Opr.	Data Monitor Opr
Apr 8th - Apr 15th	<u>Itaru Nakagawa</u> RIKEN	0:00-8:00		Ralf Seidl RIKEN		Lameck Mwibanda Florida A&M University
		8:00-16:00	Audrey Francisco CEA Saclay	Maxence Vandenbroucke CEA Saclay	Jakub Kvačil Los Alamos National Laboratory	Nicole D'Hose CEA Saclay
		16:00-00:00	David Stewart Wayne State University	Yuji Goto RIKEN		
Week	Period Coord.	Shift	Shift Leader	Detector Opr.	DAQ Opr.	Data Monitor Opr
Apr 15th - Apr 22nd	<u>Itaru Nakagawa</u> RIKEN	0:00-8:00	Yasuyuki Akiba RIKEN	Jaemin Hwang Korea University	Devon Loomis University of Michigan	Takahiro Kikuchi Rikkyo University
		8:00-16:00	Audrey Francisco CEA Saclay	Hanou Jiang Columbia University	Shuhang Li Columbia University	Emma McLaughlin Columbia University
		16:00-00:00	Tristan Protzman Lehigh University	Charles Hughes Lehigh University	Yeonju Go Brookhaven National Laboratory	SHIFT OVERLAPS Lameck Mwibanda Florida A&M University

BNL travel (updated version)

[illegible]

- BNL travel calendar spreadsheet has been updated to the shift week (Cryo week) base
- Check if your travel schedule is reorganized in the right period

Shift arrangement within INTT group

[illegible]

- “Shift available” at the bottom of the new BNL travel schedule
 - Shifts which have been tentatively reserved for someone who are still not sure about their travel schedule.
 - If you want to give any of shifts you reserved, put cyan color in the cell with your initial
 - If you want any of the shifts, put your name after the initial.

Apartments

- BNL housing office finally approved the following reservations
 - One-bedroom Apt for staff / Feb 17 – Oct 31 (Approved)
 - One-bedroom Apt for staff / Feb 24 – Oct 31 (Approved)
 - **Team Apt (4 bedroom) / March 3 – Oct 31 (Approved)**
 - **Team Apt (3 bedroom) / May 5 – Oct 31 (Approved)**
 - One-bedroom Apt for staff / Jun 1 – Aug 31 (Requesting)
 - Two-bedroom Apt for staff / Aug 1 – Sep 31 (Requesting)
- Staff apartments will be also used by any INTT stuff members.

Apartment cancellation policy

- Housing Cancellation Policy:
 - Short-term reservations (1-14 days) must be cancelled no later than 6:00 pm the day of arrival to avoid a one night's no-show. No-shows will not be held, and will automatically be cancelled the following day.
 - Long term reservations (15 days or more) require changes to be made two weeks prior to the arrival/departure date. Cancellations or major changes which affect long-term reservations that are not communicated within this time period will result in a \$500 charge.
 - All change requests must now be made by e-mail to housing@bnl.gov.

To do list before commissioning

- Clean up of INTT DAQ related directories on opc0:
 - ~/operation/INTT/
 - ~/INTT/rcdaq/
 - ~/INTT/sphenix_intt.py/
- Calibration with RCDAQ
 - Need a bit more Felix work by Raul?
 - Test of digital control for half-entry issue
- HV module address – ladder mapping
 - Test data were already taken
- Cosmic data
- Is there any other task which can be done without beam?

To do list for Run25 commissioning

- Please input your work using AuAu during commissioning to the list at https://docs.google.com/spreadsheets/d/175Z06nDFWACKIrvqN_R43ABLtRfE6r23u9CZtVuwDHg/edit?gid=1538604329#gid=1538604329:

Task	Duration	Points	Beam condition	Other subsystem condition	Priority	Field	Trigger	Comment
Carried over hit study1	10 mins for each	INTT in trigger mode Different open time 25, 40, 60, 80, 90, 110, 127 moderate ncollision, 2, 50, 100	with collisions	With MBD, in global mode			MBD	This is to study the chip hit saturation issue discovered on Dec 10 2024. Whether we still see the cutoff in the chip nhit distribution even with the open time of 128 BCO? We also need to check the cluster phi size distribution We can also try to learn the correlation between the open_time and nhits
Carried over hit study2	30 mins	INTT in trigger mode moderate open_time (80 or 128) ncollision 1 or 2 or 3	with collisions	With MBD, in global mode			MBD	As of Nov 25 2024, I think we never have the dataset with very narrow ncollision for the event-mixed-up study With the statistic approach, in the reality, we just cannot distinguish b/w mix-up hits and the hits from real collisions. So it's good to have such a dataset that we have the potential to believe that any abnormal behavior found in the data can be really came from anything other than the really collisions. In addition, by comparing with the previous dataset with ncollision 100, we can possibly learn where the event mixup happened.
Timing coarse delay scan								
Single bunch crossing	10 mins?	one run ncollision 100 one run small ncollision	single or two bunch crossing(s) with collisions	Join the MVTX commissioning				We never join the MVTX commissioning data taking. I think it's a good idea to take at least one run with single bunch crossing or five. We can learn the noise level and also the beam background, and also fraction of the hit moved to the next bin

INTT wiki for Run2025

- https://wiki.sphenix.bnl.gov/index.php?title=INTT_Run2025
- Still not so many information yet...

INTT Run2025

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Run25 Overview [\[edit\]](#) [\[edit source\]](#)

Run25 is ...

Info for INTT Experts [\[edit\]](#) [\[edit source\]](#)

- [2025 BNL visit schedule](#)

Runs, Data Location [\[edit\]](#) [\[edit source\]](#)

- [Google Spreadsheet runlog](#)

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