

INTT 日本語ミーティング 2025/05/19

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 Sunday 18 May 2025, 21:00 → 23:00 US/Eastern

Description Zoomミーティングに参加する
<https://zoom.us/j/93991701519>



The agenda of this meeting is empty
In order to add entries go to the [timetable](#) page.

RHIC/sPHENIX の現状

- RHIC マグネットの修理完了。5/16 から冷却開始。
- 5/27 ごろに RHIC マグネットが 4 K (液体ヘリウムの大気圧化での沸点、超電導磁石の冷却準備完了の目安) に達する見込み。
- 4 K 到達後、すぐにビームのインジェクションを行う。詳しい計画は 5/19 に議論される。
- ビーム・ビーム衝突は現在のところ 6/1 の見込み。
- ビームの夏休みはないとのこと。
- sPHENIX では検出器・エレクトロニクス冷却用チラーで問題が多発している。主に ECW, INTT, MVTX。
- Dry-run キャンペーンが 5/9 ~ 5/15 に行われた。まとめは[ここ](#)。DAQ や TPC、データ転送の高レート試験、各検出器の状況確認が行われた。

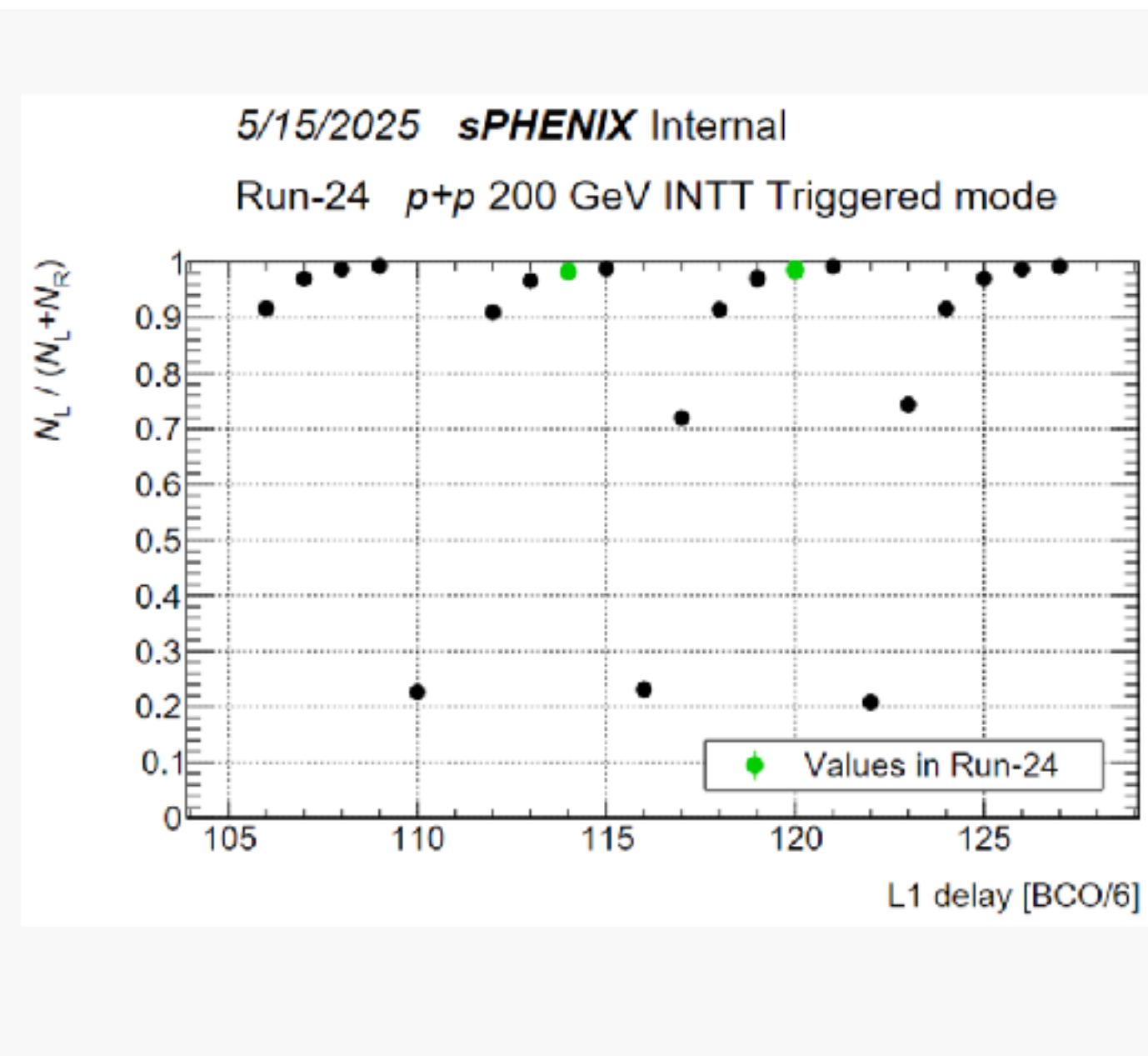
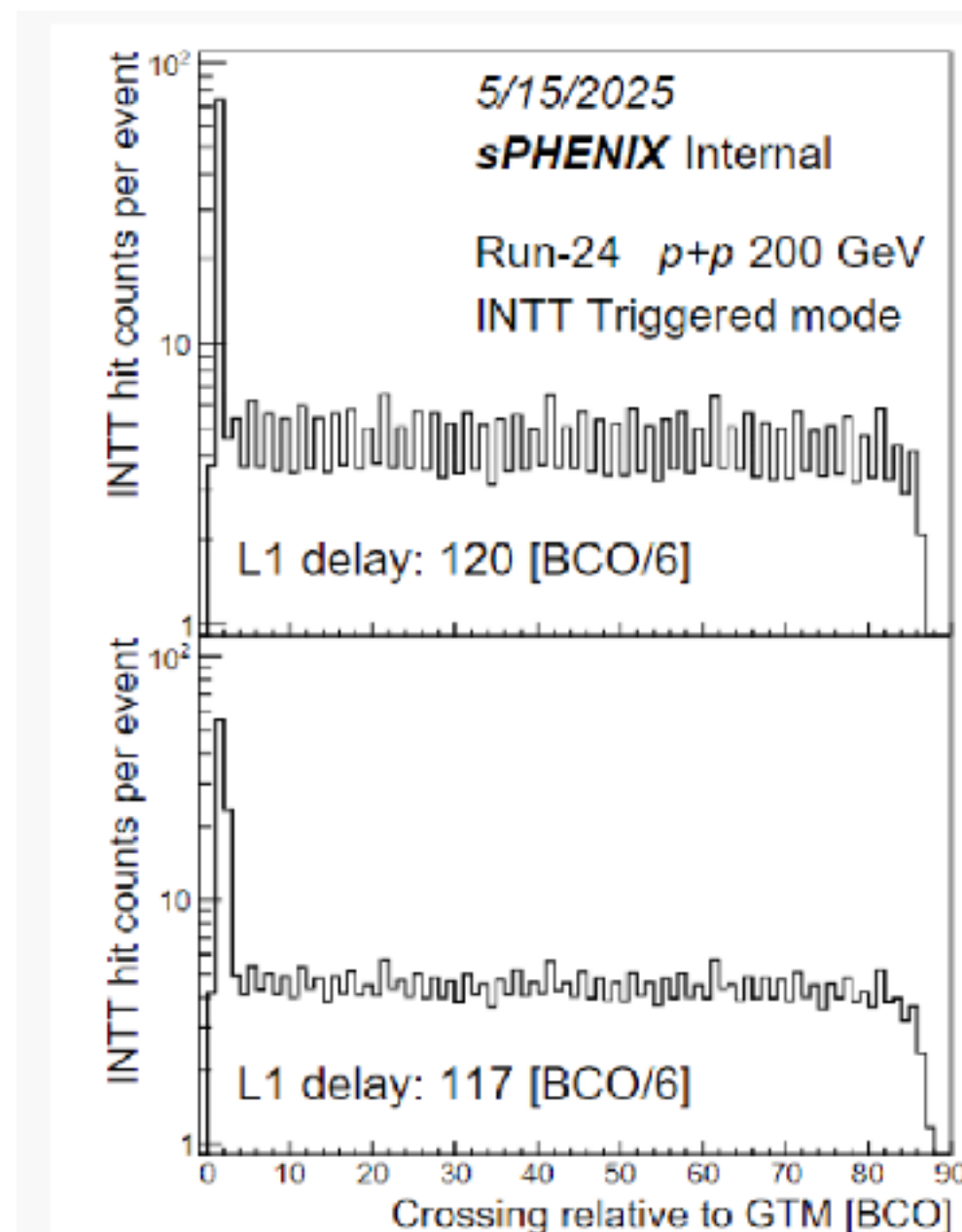


現在は 100~150 K ほど

- Next status meeting on Monday May 19, expecting updated RHIC start-up schedule then
 - Blue injection
 - Blue ramping
 - Yellow injection
 - Blue+Yellow ramping
 - Rebucketing, store setup

RHIC/AGS annual uses' meeting (AUM) に向けた approval

- 小池くんのタイミングスキンの結果が daba-based performance preliminary として認められました 🎉 🎉 🎉
- 過去の BCO diff プロット (2024/09) を上書きするような取り扱いになるようです。過去のプロットは “hide” すると Dennis は言っていましたが、隠されたプロットのアーカイブや使用の可否などは議論されませんでした。
- とりあえず小池くん、ポスター準備がんばれ



22:20 → 22:40 Preliminary performance plot approval: INTT timing
Speaker: Ryotaro Koike
KOIKE_20240515_p...

Notes on INTT timing scan performance plots

Perepelitsa, Dennis <dvp@bnl.gov>
宛先: koike.ryotaro.58a@st.kyoto-u.ac.jp
Cc: Genki Nukazuka; Huang, Jin <jhuang@bnl.gov>; 他 +2 件
2025/05/15 (金) 11:57

Hi Ryotaro (CC: Genki, SP team),

Thanks again for the presentation in the pre-GM/PCM today, and congratulations on the nice results.

Here are my notes on the two plots - others please add anything I missed:

1. Example of 120 and 117 L1 delay plot
* highlight the "0" bin in red, see example here: https://www.sphenix.bnl.gov/sites/default/files/2025-03/sphenix-perf-3-25-INTT_timing_chop_preliminary.pdf
* add run numbers to the two panels
* please also prepare a separate plot which has just the top panel (120 delay) by itself
2. Timing scan summary plot
* remove grid in the plot
* add a legend for the black points as well. The green points can be labelled something like "Working point Run-24" in the legend

After you make these changes, please replace "Internal" with "Preliminary" and send me the high-resolution PDFs, and I will upload them to the Public Results page. As agreed, I will then "hide" (comment out the HTML) for this previous INTT timing plot for p+p triggered data: https://www.sphenix.bnl.gov/sites/default/files/2024-10/sphenix-perf-9-24-trigger_timing_run50379_preliminary_0.pdf

Dennis
Dennis V. Perepelitsa
Associate Professor, Physics Department
University of Colorado Boulder

返信 全員に返信 転送

コラボレーションの行事

Summer collaboration meeting + workfest

This week	11	12	13	14	15	16	17
AUM25	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
June	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
Workfest	15	16	17	18	19	20	21
Coll. Meeting	22	23	24	25	26	27	28
	29	30	1	2	3	4	5
	6	7	8	9	10	11	12

- ▶ Thanks everyone for inputs from the last (pre)GMs!
- ▶ The latest RHIC schedule has cool down completed on **May-28**, and collision start around **June 2nd**.
- ▶ **Deep data check workfest** June 16-27
 - Timing determined by first collision day + **two week for MVTX commissioning and data collection**
 - Focus is to Run25 data check using analysis as in-depth as we could muster
 - Sessions/teams organized by calibration&reco groups/TGs
 - Overlap with remote PAC update meeting on June 17, which should be OK
- ▶ **Collaboration meeting** June 23-27 (merged with the workfest)
 - Format: morning talks with a topical focus for each day. Work time and workfest parallel sessions in the afternoon
 - Daily topics:
 - Mon: Overviews, IB meeting
 - Tue: Tracking detectors
 - Wed: tracking calibration, tracking reco, HF/Q TGs
 - Thu: Calo/DAQ
 - Fri: calo calibration, jet, spin, bulk TGs
 - Goals: review collaboration status, summarize data check workfest, shaping message for summer PAC/IS25

Jet グループコンビナー・Bulk グループコンビナーが変わります

Nominations for leadership rotations: Jet Structure TG co-convener

- ▶ Rithya will step down from JSTG convener this summer
- ▶ Thank you to Rithya for their leadership during the development and approval of the first sPHENIX jet results
- ▶ Please email nominations to Megan and Jin



Megan Connors (GSU), Jin Huang (BNL)

197th sPHENIX Fortnightly Meeting

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Nomination for leadership rotations: Bulk TG Co-convener

- ▶ JaeBeom Park decided to step down as Bulk TG Co-convener (serving together with Ron Belmont) and focus on Run25
- ▶ Thanks to the leadership from JaeBeom, together with Ron, who oversaw the first two sPHENIX physics paper, both from Bulk TG!
- ▶ Read [JaeBeom's sPHENIX Hero page](#)

Please send your nomination to Megan and Jin



Megan Connors (GSU), Jin Huang (BNL)

sPHENIX トーク関係

2025 Conferences (I)

We are looking for volunteers for these conferences ! If you are interested in presenting a talk contact the Speakers Bureau and we will help coordinate abstract submission



- **ICNFP2025** - Int Conf on New Frontiers in Physics, Kolymbari, Crete, Greece, July 17-31, 2025 <https://indico.cern.ch/event/1457095/> - abs due May 30
- **BOOST 2025** 17th international Workshop on Boosted Objects, Phenomenology, Reconstruction, Measurements and Searched at Colliders - Providence, RI Jul 28-Aug 1 - <https://indico.physics.brown.edu/event/18/> abs due May 23
- **QCD@LHC25** 15th edition of QCD@LHC at StonyBrook U., New York, Sept 8-12, 2025 (<https://indico.cern.ch/event/1462029/>) abs due Sept 1



2025 Conferences (II)

- **IS2025** – Initial Stages Taipei, Taiwan September 8-12 2025 <https://indico.cern.ch/event/1479384/> parallel abstracts submitted by the Speakers Bureau and formulated by Physics coordination, we are planning:
 - 1 plenary
 - 6 submitted parallel abstracts:
 - HF hadronization (charmed hadron ratios)
 - proton PDFs
 - long range correlations in p+p
 - isolated photons
 - sPHENIX commissioning/tracking
 - bulk properties of Au+Au collisions



2025 Conferences (III)

- **CIPANP 2025** 15th Conference on the Intersections of Particle and Nuclear Physics, Madison Wisconsin June 8-13
 - First sPHENIX Measurements – Cameron Dean (personal invitation)
- **ISMD2025** – 53rd International Symposium on Multiparticle Dynamics, Corfu Greece Sep 21-28 2025 – <https://indico.cern.ch/event/1371434/> abs due June 30
- **SPIN2025** 26th International Symposium on Spin Physics, Qingdao, China, September 22-26 2025 <https://indico.ihep.ac.cn/e/spin2025-> abs due June 30



INTT expert

INTT *primary contact(s)	*Jaein Hwang Genki Nukazuka ----- In case detector/cooling problems, Call Rachid	631-578-2029 631-816-3268 ----- 631-652-5042
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	MBD	INTT
02/20-02/26	Mickey Chiu	Rachid Nouicer (631-652-5042)
	Rivek Raj Tamang - Security Do not click on https://www.e https://www.linkedin.com/in/	
2/18 – 2/25	Mickey Chiu	Rachid Nouicer (631-652-5042)
2/25 – 3/4	Mickey Chiu	Rachid Nouicer (631-652-5042)
3/4 – 3/11	Mickey Chiu	Akitomo Enokizono (934-226-7791)
3/11 – 3/18	Mickey Chiu	Akitomo Enokizono (934-226-7791)
3/18 – 3/25	Mickey Chiu	Yuko Sekiguchi (631-578-2029)
3/25 – 4/1	Mickey Chiu	Yuko Sekiguchi & Joseph Bertaux (317-385-3985)
4/1 – 4/8	Mickey Chiu	Joseph Bertaux (317-385-3985)
4/8 – 4/15	Lameck Mwibanda	Genki Nukazuka (631-816-3268)
4/15 – 4/22	Lameck Mwibanda	Genki Nukazuka (631-816-3268)
4/22 – 4/29	Abdul al-Sayegh	Ryotaro Koike (631-578-2029)
4/29 – 5/6	Abdul al-Sayegh	Takashi Hachiya (631-578-2029)
5/6 – 5/13	Mickey Chiu	Genki Nukazuka (631-816-3268)
5/13 – 5/20	Mickey Chiu	Jaein Hwang (631-578-2029)
5/20 – 5/27	Mickey Chiu	Mahiro Ikemoto (631-578-2029)
5/27 – 6/3	Mickey Chiu	Yuko Sekiguchi (631-578-2029)
6/3 – 6/10	Stacyann Nelson	Ryotaro Koike (631-578-2029)
6/10 – 6/17	Stacyann Nelson	Takahiro Kikuchi (631-578-2029)
6/17 – 6/24	Mickey Chiu	Akitomo Enokizono (934-226-7791)
6/24 – 7/1	Mickey Chiu	Akitomo Enokizono (934-226-7791)
7/1 – 7/8	Mickey Chiu	
7/8 – 7/15	Mickey Chiu	

2025 年 BNL 滞在予定

いまここ

	Month	May				Jun				Jul				Aug				Sep				Oct				Nov					
	Period	4/29 5/5	5/6 5/12	5/13 5/19	5/20 5/26	5/27 6/2	6/3 6/9	6/10 6/16	6/17 6/23	6/24 6/30	7/1 7/7	7/8 7/14	7/15 7/21	7/22 7/28	7/29 8/4	8/5 8/11	8/12 8/18	8/19 8/25	8/26 9/1	9/2 9/8	9/9 9/15	9/16 9/22	9/23 9/29	9/30 10/6	10/7 10/13	10/14 10/20	10/21 10/27	10/28 11/3	11/4 11/10	11/11 11/17	11/18 11/24
		Cryo Week	6	7	8	9	10	11	12	13	14	Summer Break				15	16	17	18	19	20	21	22	23	24	25	26	27	28		
	Events			HQ	RHIC		MSC		CM											IS	JPS	SPIN									
	Beam									7/1		No Beam			8/18	Beam (8/19--)															
BNL	Rachid																														
BNL	Raul																														
Purdue	Wei																														
Purdue	Joseph																														
RIKEN	Yasuyuki	4/29																													
RIKEN	Itaru		5/12			5/29			6/17			7/22						9/1		IS	JPS										
RIKEN	Genki								6/18												JPS	SPIN									
RIKEN	Akitomo		5/9			5/29			6/18		7/3																				
RIKEN	Yuko		5/11				6/5														IS	JPS									
RIKEN/NCU	Cheng-Wei											7/8					8/25				IS?	JPS?									
NWU	Takashi				5/21				6/24												IS	JPS									
NWU	Maya	Mostly not available																													
NWU	Nao																														
NWU	Yui																														
NWU	Mahiro										7/3																				
NWU	Itsuka		5/12									7/17																			
Rikkyo	Takahiro							6/18														JPS									
Rikkyo	Tomoki																	9/1		IS?											
JAEA	Shoichi																														
NCU	Chia-Ming																														
NCU	Kai-Yu																														
NCU	Wei-Che																														
NCU	Shan-Yu											7/8					8/25														
Korea Univ	Byungsik																														
Korea Univ	Jaemin										7/3			7/31 ~ Army 8/1																	
Kyoto Univ	Ryotaro							6/18													IS	JPS									

奈良女：120 日×4 = 480 日ほど可能

- ・ 関口：6-7 月シフトリーダーに合わせて渡航？
- ・ 森本さん動ける
- ・ 奈良女 4 回生も動ける。要相談？