



2024

sPHENIX



INTT Analysis Workshop

2024

Nov. 18 – 29

at Korea University
Seoul, South Korea

Organized by
INTT students

Sponsored by

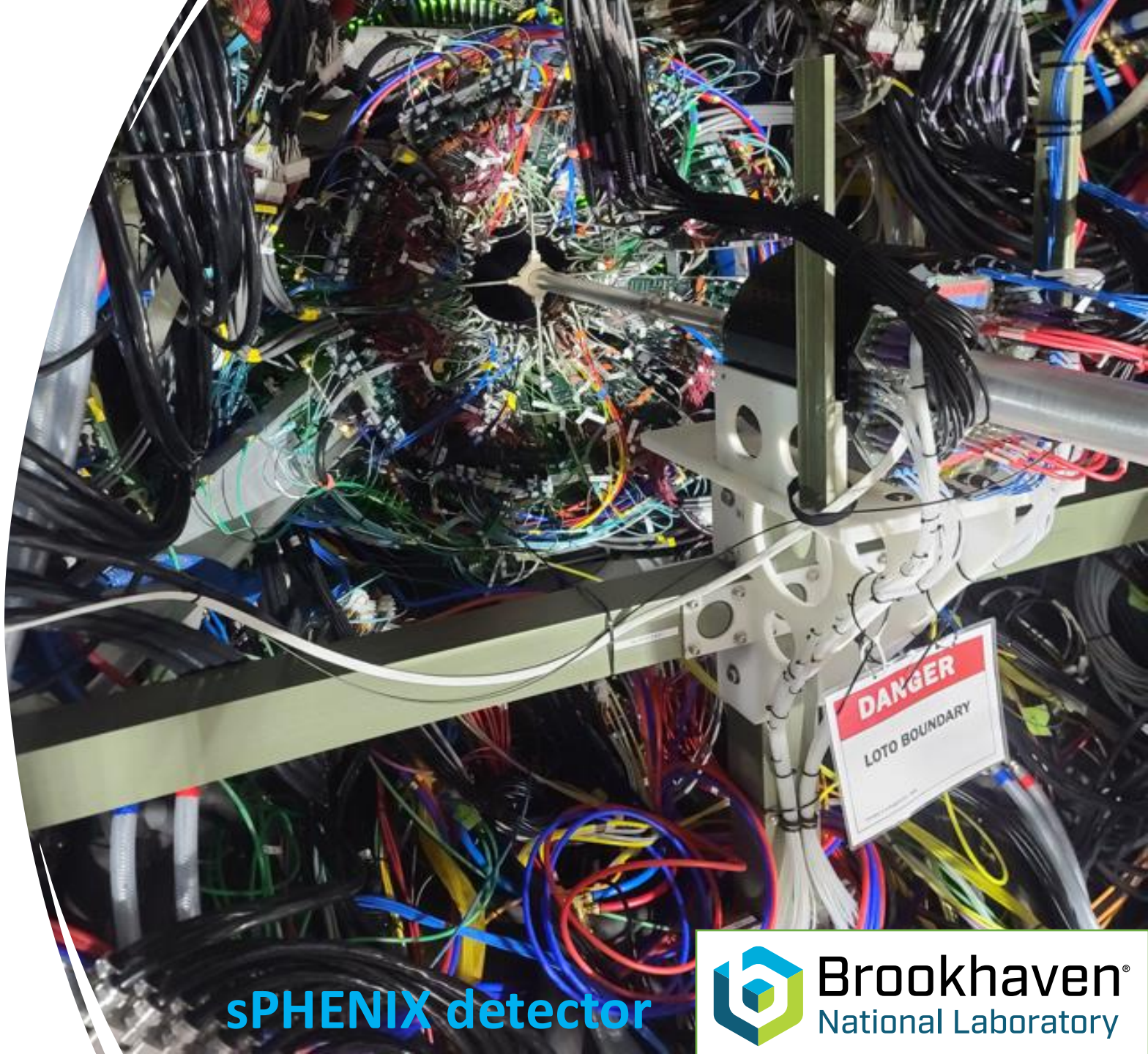


Center for
Extreme
Nuclear Matters

sPHENIX detector



Brookhaven
National Laboratory



General information



- Indico page

<https://indico.nuclear.korea.ac.kr/event/31/> <https://indico.bnl.gov/event/24622/> (for uploading slide)

- Mattermost channel

Reuse the same channel as the last year workshop at NCU.

<https://chat.sdcc.bnl.gov/sphenix/channels/intt-analysis-workshop>

- WiFi information

Please try with your eduroam account

WiFi name : eduroam' or 'KoreaUniv AP'

<11/18-11/25>

ID: gs2024

Password: cunm1118

<11/25-11/29>

ID: gs2025

Password: cunm1118

- Room information (All rooms are in Hana-square, map is available in indico')

1st week(9AM – 6PM)

11/18 – 19 : Room B119
11/20 : Room B111
11/21 : Room B120
11/22 : Multi-media Room

2nd week(9AM – 6PM)

11/25 – 28 : Room B119
11/29 : Room 120

Goal of Workshop

- **Making documentation whatever your activity related to INTT**
Well written documentation is always necessary for forward research 😊
- **Stimulating your work to have progress with your senior/junior**
Live discussion during the workshop strongly encouraged.
- **The achievement of some urgent topics**
Topics rather close to the necessity for upcoming physics result
- **Getting familiar with the analysis under Fun4All framework**
Be ready to make rapid result especially during Run25 data taking

TIME TABLE (ver 2.0 2024/11/15)

2024 INTT Analysis workshop at KU



TIME	9	10	11	12	13	14	15	16	17			
DAY 1 Mon.	Registration	Opening	Student intro+plan (3+2mins) (All students)		Lunch		sPHNEIX/INTT introduction (Itaru)	Break	Run24 Review (Akitomo)	Git/Github (Joseph)	Work Summary	
DAY 2 Tus.	INTT wiki intro (Akitomo) INTT wiki documentation			Lunch		F4A with INTT (Genki)		Break	F4A with INTT (Genki)		Work Summary	
DAY 3 Wed.	Working!				Lunch (Cafeteria)		Working!		Break	Working!	Work Summary	
DAY 4 Tur.	Working!				Lunch (Cafeteria)		Working!		Break	Working!	Work Summary	
Day 5 Fri.	Working!				Lunch (Cafeteria)		Student Status Report (5+2 mins) (Master PhD only)		Physics talk 1 (Joseph)	Work Summary		
DAY 6 Mon.	Working!	INTT software (Takashi)		Software Q&A Working!		Lunch (Cafeteria)		Working!		Break	Working!	Work Summary
Day 7 Tus.	Physics talk 2 (Ralf)		Physics talk 3 (Kumaoka)	Physics talk 3 (Yuko)	Lunch (Cafeteria)		Working!		Break	Working!	Work Summary	
DAY 8 Wed.	Working!				Lunch (Cafeteria)		Working!		Break	Working!	Work Summary	
DAY 9 Tus.	Working!				Lunch (Cafeteria)		Working!		Break	Working!	Work Summary	
DAY 10 Fri.	Student Final Report (15+5mins) (All students)			Lunch		Student Final Report (15+5mins) (All students)			Closing			

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DAY 2 Tus.	INTT wiki intro (Akitomo) INTT wiki documentation			Lunch	F4A with INTT (Genki)			Break	F4A with INTT (Genki)	Work Summary
DAY 3 Wed.	Working!			Lunch (Cafeteria)	Working!			Break	Working!	Work Summary
DAY 4 Tur.	Working!			Lunch	Working!			Break	Working!	Work Summary
Day 5 Fri.	3 Student sessions (presentation time + Q&A Time) - Intro+plan (3+2, 2+3 mins) - Status Report for their work(5+2 mins) - Final report (15 + 5 mins)			Student Status Report (5+2 mins) (Master PhD only)			Physics talk 1 (Joseph)		Work Summary	
DAY 6 Mon.				Working!	(Takashi)	Working!	Lunch (Cafeteria)	Working!		
Day 7 Tus.	Physics talk 2 (Ralf)	Physics talk 3 (Kumaoka)	Physics talk 3 (Yuko)	Lunch (Cafeteria)	Working!			Break	Working!	Work Summary
DAY 8 Wed.	Working!			Lunch (Cafeteria)	Working!			Break	Working!	Work Summary
DAY 9 Tus.	Working!			Lunch (Cafeteria)	Working!			Break	Working!	Work Summary
DAY 10 Fri.	Student Final Report (15+5mins) (All students)			Lunch	Student Final Report (15+5mins) (All students)			Closing		



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DAY 1 Mon.	Registrati	Opening	Student intro+plan	Lunch		sPHNEIX/INTT introduction (Itaru)	Break	Run24 Review (Akitomo)	Git/Github (Joseph)	Work Summary
DAY 2 Tus.	5 Tutorial and review sessions (Speaker) - sPEHNIX/INTT introduction (Itaru) - Run24 Review (Akitomo) - Git/Github tutorial (Joseph) - F4A with INTT (Genki) - INTT software (Takashi)			Lunch		F4A with INTT (Genki)	Break	F4A with INTT (Genki)	Work Summary	
DAY 3 Wed.				Lunch (Cafeteria)		Working!	Break	Working!	Work Summary	
DAY 4 Tur.				Lunch (Cafeteria)		Working!	Break	Working!	Work Summary	
Day 5 Fri.				Working!			Lunch (Cafeteria)	Student Status Report (5+2 mins) (Master PhD only)	Physics talk 1 (Joseph)	Work Summary
DAY 6 Mon.	Working!	INTT software (Takashi)	Software Q&A Working!	Lunch (Cafeteria)		4 Physics talk - Physics talk (lamda_c) by Joseph - Physics talk (Spin Physics) by Ralf - Physics talk (QGP; R_AA) by Kumaoka - Physics talk (QGP; Flow) by Yuka				
Day 7 Tus.	Physics talk 2 (Ralf)	Physics talk 3 (Kumaoka)	Physics talk 3 (Yuko)	Lunch (Cafeteria)						
DAY 8 Wed.	Working!			Lunch (Cafeteria)						
DAY 9 Tus.	Working!			Lunch (Cafeteria)	Working!					Break
DAY 10 Fri.	Student Final Report (15+5mins) (All students)			Lunch	Student Final Report (15+5mins) (All students)			Closing		

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DAY 2 Tus.	INTT wiki intro (Akitomo) INTT wiki documentation			Lunch		F4A with INTT (Genki)		Break	F4A with INTT (Genki)		Work Summary	
DAY 3 Wed.	Working!			Lunch (Cafeteria)		Working!		Break	Working!		Work Summary	
DAY 4 Tur.	Working!			Documentation time - INTT wiki introduction by Akitomo and document/reivew sPHENIX INTT wiki - Every day, 30 mins for only documentation				Break	Working!		Work Summary	
Day 5 Fri.	Working!							Physics talk 1 (Joseph)		Working!		Break
DAY 6 Mon.	Working!	INTT software (Takashi)		Software Q&A Working!	Lunch (Cafeteria)		Working!		Break	Working!		Work Summary
Day 7 Tus.	Physics talk 2 (Ralf)		Physics talk 3 (Kumaoka)	Physics talk 3 (Yuko)	Lunch (Cafeteria)		Working!		Break	Working!		Work Summary
DAY 8 Wed.	Working!			Lunch (Cafeteria)		Working!		Break	Working!		Work Summary	
DAY 9 Tus.	Working!			Lunch (Cafeteria)		Working!		Break	Working!		Work Summary	
DAY 10 Fri.	Student Final Report (15+5mins) (All students)			Lunch		Student Final Report (15+5mins) (All students)			Closing	Working!		

Information For students



- Do not hesitate to ask any question

Master/Ph.D. students -> at least two questions in total during 7 talks

Undergrad students -> at least one question in total during 7 talks

1. Ralf (spin)
2. Kumaoka (QGP, RAA)
3. Yuko (QGP, flow physics)
4. Joseph (lambda_c)
5. Itaru (sPHENIX/INTT introduction)
6. Akitomo (INTT Run24 review)
7. Joseph (Git introduction)

* Question in the software/fun4all sessions will not be counted.

Software review(Takashi)/F4A with INTT(Genki)

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Thank you



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