

INTT 日本語ミーティング 2025/01/28

INTT日本語ミーティング



Tuesday 28 Jan 2025, 15:30 → 17:30 Asia/Tokyo

Description *Meeting URL

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

ミーティングID: 939 9170 1519
ワンタップモバイル機器
+13462487799,,93991701519# 米国 (Houston)
+16699006833,,93991701519# 米国 (San Jose)

所在地でダイヤル
+1 346 248 7799 米国 (Houston)
+1 669 900 6833 米国 (San Jose)
+1 929 205 6099 米国 (New York)
+1 253 215 8782 米国 (Tacoma)
+1 301 715 8592 米国 (Washington DC)
+1 312 626 6799 米国 (Chicago)
+81 3 4578 1488 日本
+81 363 628 317 日本
+81 524 564 439 日本
ミーティングID: 939 9170 1519
市内番号を検索: <https://zoom.us/u/adlmUqtJ8b>

15:30 → 15:45 コミュニケーション等

🕒 15m

Speaker: radlab phenix (riken)

ミーティング日程: 毎週火曜日 15:30~

先週の General meeting

190th sPHENIX Fortnightly Meeting

📅 Saturday 25 Jan 2025, 02:00 → 04:35 Asia/Tokyo

📍 1008 conference room (Universe)

Description ZOOM connection

Join ZoomGov Meeting

<https://bnl.zoomgov.com/j/1617309690?pwd=E17Mv9sw6AwIV0JSLchfLRsdR2loq9.1>

Meeting ID: 161 730 9690

Passcode: 041516

Recording

<https://bnl.zoomgov.com/rec/share/6vyQkVw6Kbd2MhMV-wMqsNLwzLXGtXC1V67eFBfET0zReNdYY2DA5eGd66cki2SU.clRmO-drus8Hte9E>

Passcode: Z10IY%p9

02:00 → 02:10 Results of sPHENIX SP election 10m

Speakers: Maria Chamizo (BNL), Rosi Reed (Lehigh University), Tanner Mengel (University of Tennessee (UTK)), Yuko Sekiguchi (RIKEN)

📎 spokeperson-electio...

02:15 → 02:35 Collaboration news 20m

Speakers: Dr Jin Huang (Brookhaven National Lab), Megan Connors (Georgia State University)

📎 sPHENIXgm_01242...

02:35 → 02:55 Speaker's bureau news 20m

Speaker: Marzia Rosati (Iowa State University (mrosati@iastate.edu))

📎 GenMeet-SB-2025-0...

02:55 → 03:15 Shutdown progress and Run 25 preparations 20m

Speakers: John Haggerty (Brookhaven National Laboratory), Ron Belmont (University of North Carolina Greensboro), Rosi Reed (Lehigh University)

📎 haggerty_fortnightly... 📎 run_20250124.pdf

03:15 → 03:35 Computing/production news 20m

Speakers: Chris Pinkenburg (BNL), Joe Osborn (Brookhaven National Laboratory), Sasha Lebedev (ISU)

📎 general_meeting-20... 📎 general_meeting-20... 📎 tracking production/...

03:40 → 04:00 Intra-run maintenance of TPC 20m

Speaker: Charles Hughes (Iowa State University)

📎 Progress on sPHENI...

SP Election Nominating Committee

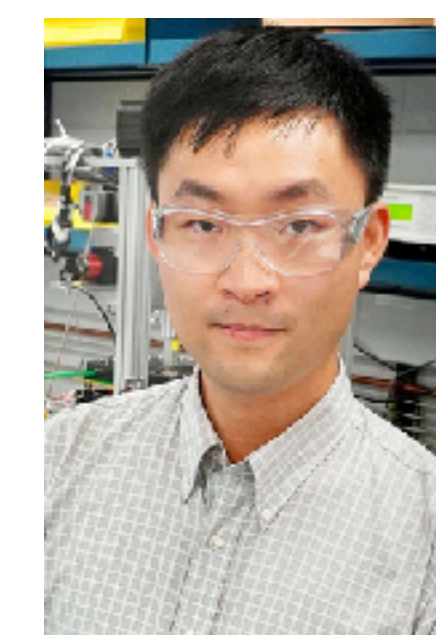
- Maria Chamizo-Llatas (mchamizo@bnl.gov), Chair
- Tanner Mengel (tmengel@vols.utk.edu),
- Rosi Reed (rosijreed@lehigh.edu),
- Yuko Sekiguchi (yuko.sekiguchi@riken.jp).

Round 2

- Second round took place from Jan 7 to Jan 16, 2025
 - 47 institutes casted their vote, including junior vote,
 - 6 institutes did not vote
 - Participation 88.7%

Candidates obtaining >50% of votes	Institution
Megan Connors	Georgia State University
Jin Huang	Brookhaven National Laboratory

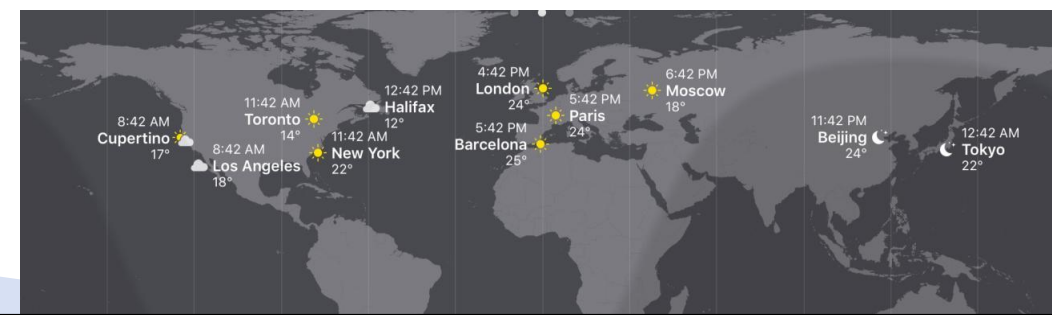
CONGRATULATIONS!



先週の General meeting

Meeting time challenges for global collaborators

- ▶ It is a common challenge to identify meeting times in international collaborations. Nonetheless, we aim to maximize participation and maintain effective discussion in GM/PCM
 - GM/PCM has been starting at Friday 6PM CET, 12PM EST, 9AM PST, **2AM JST**
- ▶ Examples under considerations
 - **-1.5hr shift of GM time?** → 4:30PM CET, 10:30AM EST, 7:30AM PST, 12:30AM JST
 - Thanks to suggestion from Yasuyuki Akiba; Coordination with ePIC so on alternating week
 - **Asian-time-optimized preGM+PCM meeting?** → Thu 10PM EST/Fri 12PM JST
 - News slides from coSP+discussion, analysis update approval from Asia, report back to GM 12PM EST
- ▶ We would like to have a discussion with our Asian collaborators to optimize for a solution (underrepresented in this meeting). Details to be followed.



5

Upcoming Conferences: QM Talks

QM2025 TALKS – XXXIst International Conference on Ultra-relativistic Nucleus-Nucleus Collisions Frankfurt, Germany, Apr 6-12 2025

<https://indico.cern.ch/event/1334113/>

- 1 plenary talk – **Christof Roland**
- 4 talk abstracts accepted:
 1. sPHENIX measurements of high-pT neutral mesons and isolated photons in p+p collisions - **Jaebeom Park**
 2. Dijet correlations in p+p - **Virginia Bailey**
 3. Lambda/D0 in p+p – **Joe Osborn**
 4. Collectivity in high-multiplicity p+p & in Au+Au – **Hao-Ren Jheng**



News about the Run25 (and emerging break)

- ▶ ALD informed us an **emerging RHIC ops plan** (forwarded to sphenix-l on Jan 21)
- ▶ Still under discussion and **many uncertainties** moment, FY25/26 funding (20/12 weeks assumed)
 - At this moment, no change in shift. be flexible
- ▶ Has **potential large impact** to our physics and shift planning (**next talk by Run Coordinators**)
 - Loss of time/efficiency if FY26 funding is not realized
 - Loss of summer shift availability and difficulty to shift planning
 - Very close to the current end of ASE in case any incident.
 - Cost of low power state, though Wolfram and Abhay seems to think it is small
- ▶ Importance to demonstrate excellent Au+Au performance to show to **PAC early June**

(ALD's email on Tue Jan 21):

I am writing to keep you informed about the **emerging RHIC operation plan** in CY2025.

....

Run Plan for Calendar Year 2025:

- **Start** the RHIC Operations at 4k on March 24, 2025.
- Online **PAC** meeting early June 2025: will settle the date with John H. soon.
- We will end 1st part of the Run on June 30, 2025 (**14 weeks**)
- **No beam** from July 1 – August 18, 2025 (avoid heat/humidity related inefficiency and it may also give the RHIC Operators and Experimental Shifters some rest.
- **2nd part** of the run from August 19 - December 22, 2025 (**18 weeks**)



先週の General meeting

Sort-of-updated Run25 Schedule

John, Kin, Rosi, Ron

sPHENIX General Meeting
2025 January



John, Kin, Rosi, Ron

Reminders

Run 2025 website: <https://sphenix-intra.sdcc.bnl.gov/WWW/run/2025/>

Run 2025 Mattermost channel: <https://chat.sdcc.bnl.gov/sphenix/channels/run-2025>

Email: <https://lists.bnl.gov/sympa/info/sphenix-run-l>

sphenix-run-l@lists.bnl.gov

John, Kin, Rosi, Ron sPHENIX General Meeting, 2025 January 24 - Slide 2

Caveats and Contingencies

- Probably not necessary to have watch shifts for the full 7-week no-beam interregnum, exact schedule will depend mainly on TPC needs
- We have 20 weeks of funding for FY 2025 and expect 12 weeks of funding for FY 2026
- FY 2025 started on October 1, 2024 but there is no budget yet
- The current continuing resolution was enacted on December 21, 2024 and expires on March 14, 2025
- We don't know what the FY 2025 budget will be, nor what the FY 2026 budget proposal will be (nominally expected in February 2025)

John, Kin, Rosi, Ron sPHENIX General Meeting, 2025 January 24 - Slide 4

Run-25 Tentative Schedule

- | | |
|---|-------------|
| • Gas turns on, begin watch shifts | February 18 |
| • 4K cooldown, begin full shifts | March 24 |
| • Suspension of beam operations (RHIC stays cold), return to watch shifts | June 30 |
| • Return of beam operations, return to full shifts | August 19 |
| • End of beam operations, return to watch shifts | December 22 |
| • Gas turns off, end of shifts | ??? |

John, Kin, Rosi, Ron sPHENIX General Meeting, 2025 January 24 - Slide 3

Outlook

- *We are not yet making adjustments to the shift sign-up schedule*
- Our aim is to make as few changes as possible while also avoiding last-minute changes
- *We recommend against altering your travel plans, but we also recommend not to make plans for the summer just yet*
- **Please do not yet cancel any shifts already signed up for**
—We haven't yet determined how best to handle credit for shifts that could get canceled
—Giving credit for shifts not actually covered increases the shift quota for everyone
- Our current best estimate for the shift quota is 3.3 shifts per person, which would go up to 3.8 shifts per person if full credit is given for canceled shifts
- We understand that it will be more difficult to fill shifts in the Fall, any and all efforts towards filling those shifts will be greatly appreciated

John, Kin, Rosi, Ron sPHENIX General Meeting, 2025 January 24 - Slide 5

先週の General meeting

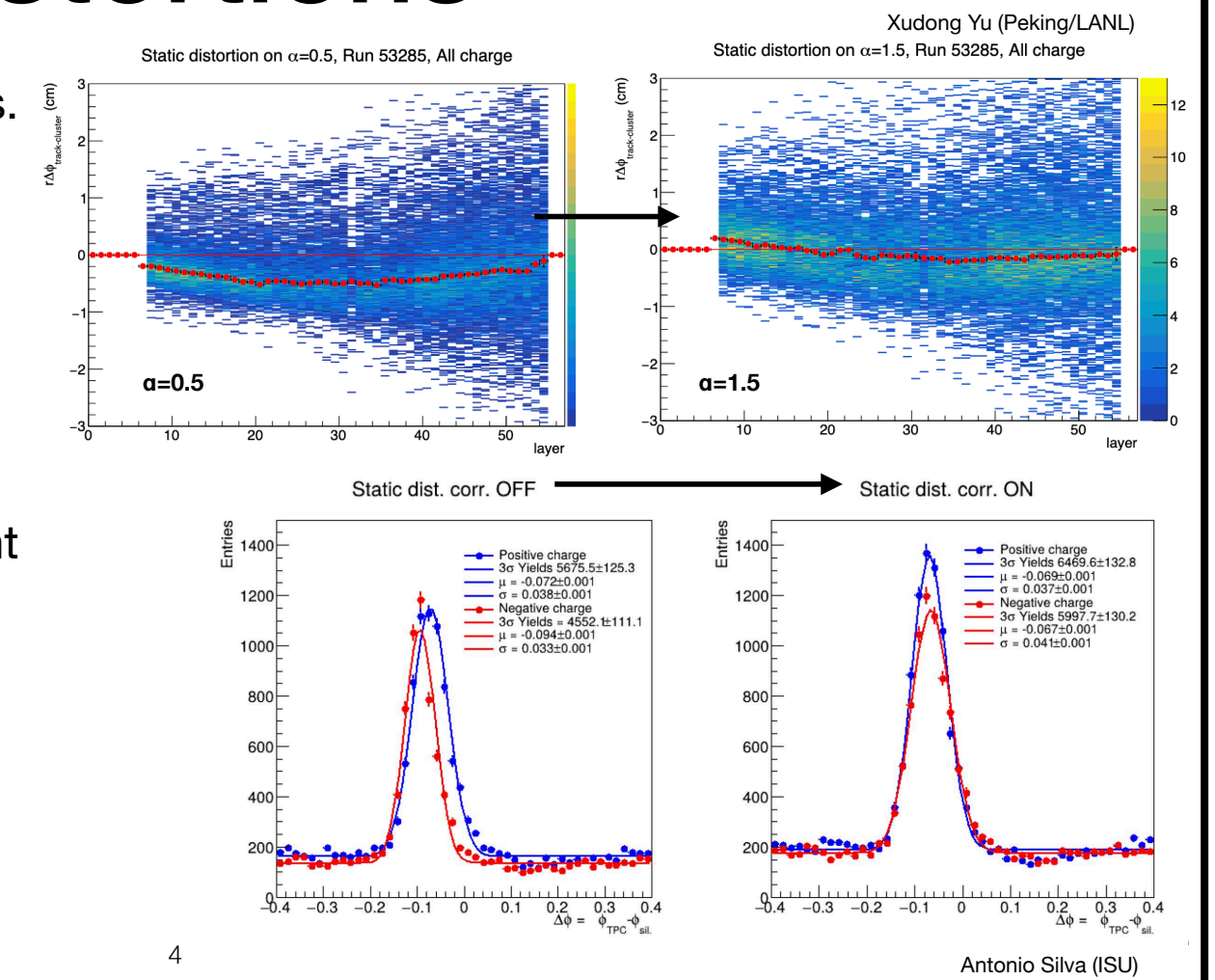
Production

- O2O effort post run 2024 led to development of
 1. New TPC decoding machinery. Much faster and stable (and properly handles time frames)
 2. New readout card-by-readout card event combining processing
- Production machinery in place to produce full runs
 - Went through another period of debugging/fixing memory issues for job stability
- New QM test production is on lustre in /sphenix/lustre01/sphnxpro/production/run2pp/physics/ana461_2024p009_v001/DST_TRKR_CLUSTER/
 - Several full runs produced. Macros to read them in macros/TrackingProduction
- Plan to reproduce several AuAu runs with fixed build next week. If you have run number requests, let me know ASAP

2

Distortions

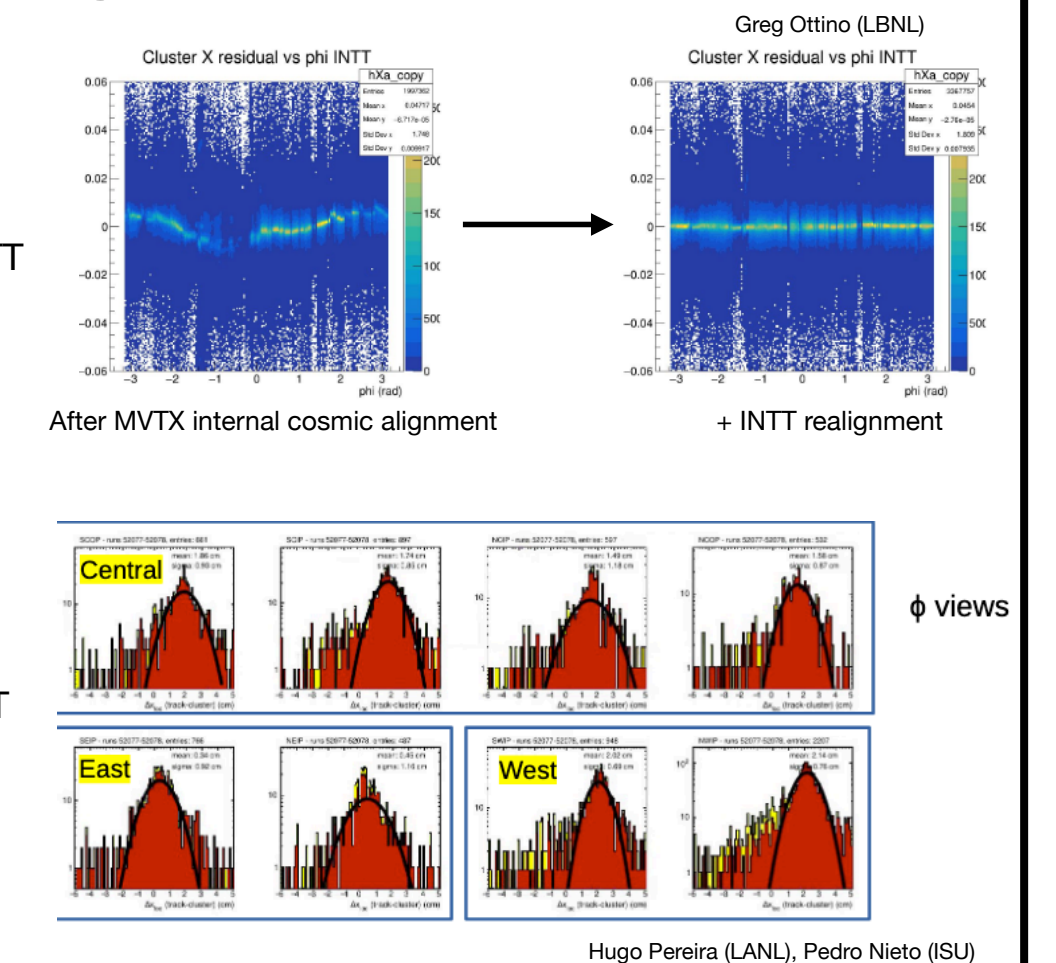
- Silicon-TPOT fitting machinery works. Model static distortion correction follows expectations, improves TPC alignment with silicon-TPOT fit
 - Improves matching between silicon/TPC
 - Nontrivial global rotation between TPC/silicon - alignment ongoing (Mariia Mitrankova, SBU)
- Multi threading laser clusterizer to improve speed and integrate central membrane analysis into production (Ben Kimelman, VU)



4

Alignment

- Silicon re-alignment using zero field cosmics nearing completion - expect early next week
 - MVTX internal alignment performed - readjusting INTT ladders to reflect improvements
- Potentially reaching a limit on what zero field data alone can provide for silicon
- Next steps
 - Field on, re-evaluate silicon seeding
 - Extend to TPOT for preliminary TPOT alignment WRT silicon
- TPC ZF alignment and pad placement work ongoing (Mariia Mitrankova, SBU)



5

2025 年の BNL 滞在予定

Month	Period																																																			
	Jan				Feb				Mar				Apr				May				Jun				Jul				Aug				Sep				Oct				Nov				Dec							
	12/31	1/7	1/14	1/21	1/28	2/4	2/11	2/18	2/25	3/4	3/11	3/18	3/25	4/1	4/8	4/15	4/22	4/29	5/6	5/13	5/20	5/27	6/3	6/10	6/17	6/24	7/1	7/8	7/15	7/22	7/29	8/5	8/12	8/19	8/26	9/2	9/9	9/16	9/23	9/30	10/7	10/14	10/21	10/28	11/4	11/11	11/18	11/25	12/2	12/9	12/16	12/23
Cryo Week	1/6	1/13	1/20	1/27	2/3	2/10	2/17	2/24	3/3	3/10	3/17	3/24	3/31	4/7	4/14	4/21	4/28	5/5	5/12	5/19	5/26	6/2	6/9	6/16	6/23	6/30	7/7	7/14	7/21	7/28	8/4	8/11	8/18	8/25	9/1	9/8	9/15	9/22	9/29	10/6	10/13	10/20	10/27	11/3	11/10	11/17	11/24	12/1	12/8	12/15	12/22	12/29
Events	ATHIC ePIC TPS								JPS				QM				HQ								IS				JPS SPIN																							
Beam					Pink				Beam? (3/24--)								7/1				Summer Break?				8/18				Beam (8/19--)				Beam(?)								12/22											
BNL Rachid	[Blue bar]																																																			
BNL Raul	[Blue bar]																																																			
Purdue Wei	[Blue bar]																																																			
Purdue Joseph	[Blue bar]																																																			
RIKEN Yasuyuki	[Blue bar]																																																			
RIKEN Itaru	[Blue bar]																																																			
RIKEN Genki	[Blue bar]																																																			
RIKEN Akitomo	[Blue bar]																																																			
RIKEN Yuko	[Blue bar]																																																			
RIKEN/NCU Cheng-Wei	[Blue bar]																																																			
NWU Takashi	[Black bar]																																																			
NWU Maya	[Black bar]																																																			
NWU Manami	[Black bar]																																																			
NWU Mai Kano	[Black bar]																																																			
NWU Hinako	[Black bar]																																																			
NWU Nao	[Black bar]																																																			
NWU Yui	[Black bar]																																																			
NWU Mahiro	[Black bar]																																																			
NWU Itsuki	[Black bar]																																																			
Rikkyo Ryota	[Black bar]																																																			
Rikkyo Tomoya	[Black bar]																																																			
Rikkyo Takahiro	[Black bar]																																																			
Rikkyo Hayato	[Black bar]																																																			
Rikkyo Tomoki	[Black bar]																																																			
Rikkyo Yusuke	[Black bar]																																																			
JAEA Shoichi	[Black bar]																																																			
NCU Chia-Ming	[Black bar]																																																			
NCU Kai-Yu	[Black bar]																																																			
NCU Wei-Che	[Black bar]																																																			
NCU Shan-Yu	[Black bar]																																																			
NTU Rong-Shyang	[Black bar]																																																			
NTU Lian-Sheng	[Black bar]																																																			
NTU Yu-Chen	[Black bar]																																																			
NTU Tzu-Chuan	[Black bar]																																																			
Korea Univ Byungsik	[Black bar]																																																			
Korea Univ Jaelin	[Black bar]																																																			

Quark Matter 2025

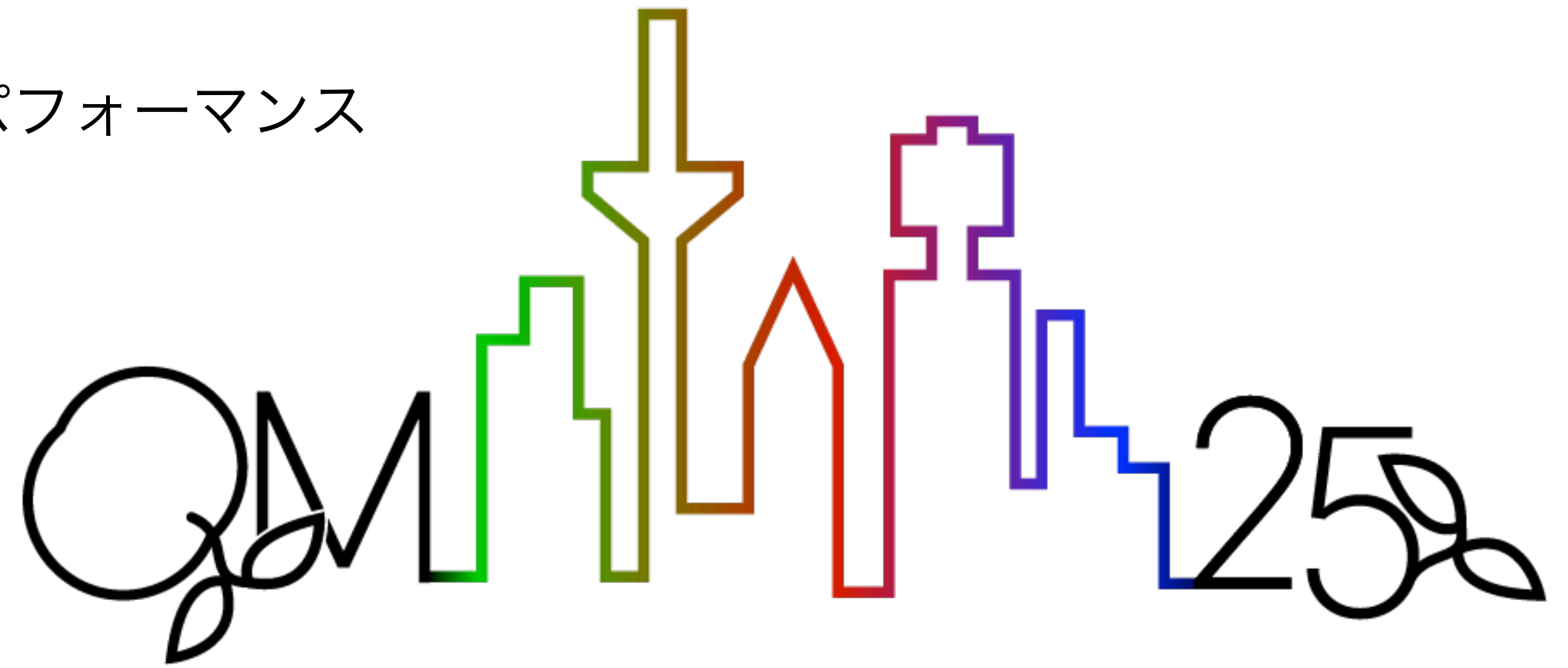
2025/04/06 — 12

ドイツ・フランクフルト

発表予定

- ・ ポスター、奈良女の誰か：2024 データ (pp, AuAu) パフォーマンス
- ・ トーク、？： $dN/d\eta$

関口さんのポスターは accept されたそうです。
INTT のポスターは accept されたのでしょうか？



日本物理学会



一般講演の概要送信
2月14日 (14時) 〆切

一般講演の概要確認
(送信いただいた原稿の確認)
2月14日 (14時) 〆切

講演概要の締切は 2024/02/12 14:00 (JST) です。

発表

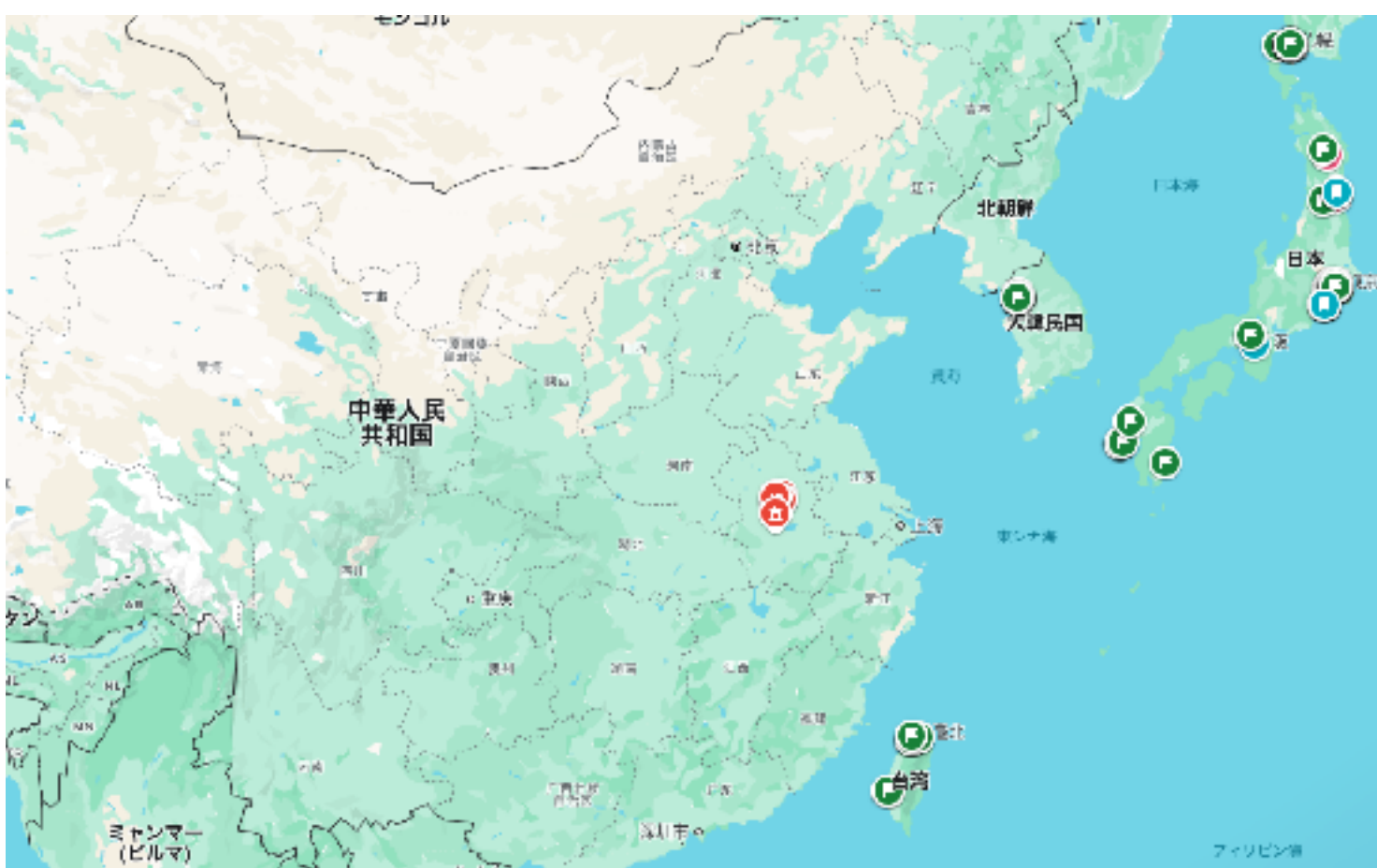
- ・ 加納：RHIC-sPHENIX実験中間飛跡検出器INTTのデータ読み出しの評価
- ・ 穴倉：sPHENIX-INTT検出器におけるVertexを用いた検出効率の評価
- ・ 加藤：sPHENIX-INTT検出器を用いたビームバックグラウンドの研究
- ・ 菊池：RHICでのsPHENIX実験におけるminimum-bias検出器の断面積の測定

Hot Quarks

The 10th edition of the Workshop for Young Scientists on the Physics of Ultra-relativistic Nucleus-Nucleus Collisions

日時：2025/05/11 — 17

場所：Zipeng Mountain Guangyuan International Conference Center, Hefei (合肥), Anhui, China, 231201



Hot Quarks 2025

2025年5月11日～17日 Zipeng Mountain Guangyuan International Conference Center Asia/Shanghai タイムゾーン

検索単語を入力

概要

Program format

Important dates

Announcements

Workshop Fee

Pre-registration

アブストラクトの募集

Location

Arrival, Departure and Travel

VISA Information

Code of conduct

Sponsors

Previous Editions

Contact

contact-hq-2025@cer...

The 10th edition of the Workshop for Young Scientists on the Physics of Ultra-relativistic Nucleus-Nucleus Collisions (Hot Quarks 2025) will be held in person, at the Zipeng Mountain Guangyuan International Conference Center, Hefei, China. The aim of this workshop is to enhance the direct exchange of scientific information among the younger members of the Relativistic Heavy Ion community, from both experimental and theoretical backgrounds. It offers a unique opportunity for early career scientists to present and discuss their work extensively. Those interested in attending are highly encouraged to submit an abstract and pre-register, and if the abstract is accepted, they will be invited to join the workshop.

開始 2025/05/11 16:00
終了 2025/05/17 12:00
Asia/Shanghai

Zipeng Mountain Guangyuan International Conference Center
Hefei, Anhui, China, 231201

Deepa Thomas
Jean-Francois Paquet
Konrad Tywonluk
Luca Baroglio
Megan Connors
Saehanseul Ch
Soeren Schlichting
Zibo Tang

First circular - HQ 2025.pdf

アブストラクトの募集を開始しました
アブストラクトを提出して審査を受けることができます。

新しいアブストラクトを提出

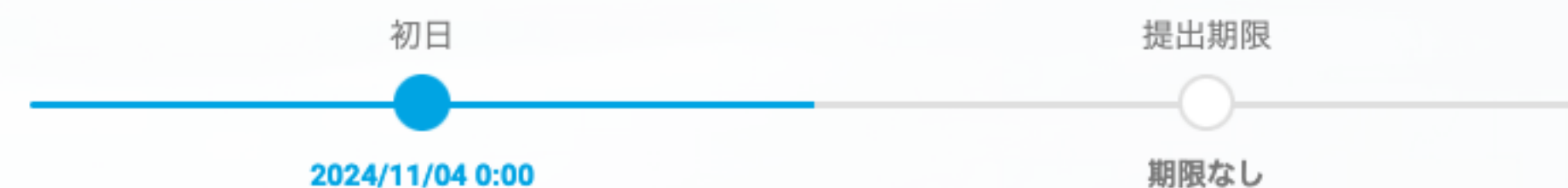
登録
本イベントは現在参加登録を受付中です。

今すぐ登録

Important dates

- **November 4, 2024:** Opening of pre-registration and abstract submission
- **January 17, 2025:** Abstract submission and pre-registration deadline
- **February 3, 2025:** Abstract acceptance notification
- **February 3, 2025:** Opening of full registration
- **March 31, 2025:** Full registration and payment deadline
- **May 11, 2025:** Start of HQ2025

アブストラクトの募集



アブストラクトの募集を開始しました
アブストラクトを提出して審査を受けることができます。

新しいアブストラクトを提出

RIKEN Accelerator Progress Report (APR)

修士以上の人で、理研から出張費などの経済的サポートを受けた人は全員、APR にレポートを提出してもらうことになっています。

- ・ 締め切り：毎年 1 月半ば
- ・ 分量：A4 1 枚
- ・ 言語：英語

学生の最初の校正は担当スタッフ（チューター）にしてもらいませんか？

- ・ 中川 2024 スピンコーディネーターについて？
- ・ 蜂谷 INTT streaming readout
- ・ 榎園 2024 INTT AuAu コミッショニング
- ・ 糠塚 2024 INTT pp コミッショニング
- ・ 糠塚2 2024 sPHENIX overview (pp)
- ・ 関口 2024 pp, シリコンシーディング + sEPD で 2 粒子相関
- ・ 熊岡 単 e MC トラッキング

名前	テーマ	チューター
・ ジョセフ	アラインメント	中川
・ 藤原	2023 (2024?) INTT v2	榎園
・ ジェイン	ZDC ポラリメータ	榎園
・ 池本	INTT vertex?	下村
・ 石垣	2024 pp MIP	蜂谷
・ 加納	イベントミックスアップ	中川
・ 加藤	2024 pp cluster z サイズ解析 (進捗があれば $dN/d\eta$)	中川
・ 菊池	Vernier Scan 解析	糠塚
・ 森本	DAC0 スキャン	糠塚
・ チェンウェイ	2023 (2024) $dN/d\eta$?	関口
・ ウェイチェ	INTT 検出効率 (宇宙線)	関口
・ 宍倉	2024 pp, AuAu offline QA クラスタサイズ解析 + INTT 検出効率 (pp)	下村
・ 辻端	2024 pp INTT (+EMCal) トラッキング	蜂谷

理研 RIBF の Mattermost

理研でも Mattermost を運用しています。

Line や Slack より公私の切り替えがちゃんとできて、データ保管期間が長いので、日本語のちゃんとした議論はこちらを使うのが良いと思いませんか？

アカウント作成：<https://ribfexp.riken.jp/mattermost/login>

アプリに追加するなら：<https://ribfexp.riken.jp/mattermost>

