

Wiki documentation

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Documentation sites for INTT

- **Wiki**
 - [https://wiki.sphenix.bnl.gov/index.php?title=INTermediate_Tracker_\(INTT\)](https://wiki.sphenix.bnl.gov/index.php?title=INTermediate_Tracker_(INTT))
 - Main topic today. Information for everything
- **Google Docs (Log in to google account as intt.sphenix)**
 - INTT Run log, Cable mapping, Travel schedule etc
- **Web html**
 - sPHENIX page (<https://www.sphenix.bnl.gov/>)
 - sPHENIX run page (<https://sphenix-intra.sdcc.bnl.gov/WWW/run/2024/>)
- **Elog**
 - Substitute for traditional log note. Run, all subsystem's activities
- **Indico**
 - Meeting agenda, related slides, minutes
- **Github**
 - Source codes. Documentation
- **Mattermost**
 - Run2024, INTT, INTT-experts, INTT Analysis Workshop etc
- **Email**
 - sphenix-run-l, sphenix-intt-l, etc

Some useful tip (sPHENIX, INTT calendar)

- Synchronize intt.sphenix google calendar to your calendar app
 - You can add the “intt.sphenix” calendar item from your own account
 - Download ics for ask Genki/me/yourself to invite you from the google account
- Synchronize sPHENIX indico calendar to your calendar app
 - Go to sPHENIX indico top page <https://indico.bnl.gov/category/65/>
 - Click the calendar icon then copy the URL (or download iCal) listed in the pop-up window
 - Paste the URL (or import iCal file) to your calendar app

The image shows two screenshots. The top screenshot is from the Indico website, displaying the sPHENIX calendar page. A pop-up window titled "Synchronize with your calendar" is visible, providing a URL to copy and paste into a scheduling application. Below the pop-up, there is a "Download" section with a list of users and their associated event counts. The bottom screenshot shows a Google Calendar app interface for November 2024, with a calendar view showing various events from the sPHENIX Indico calendar, such as "TPC Neutral Light Line" and "sPHENIX Tracking Calibration Meeting".

Access to BNL network

- If you are Mac user:
 - https://wiki.sphenix.bnl.gov/images/6/6f/20231004_access_outside_BNL.pdf
(Genki's summary)
- If you are Windows user:
 - <https://sphenix-invenio.sdcc.bnl.gov/records/1jqz1-28h41>
(Tomoya's summary)

Getting started

Some standardization is a key for better shared documents
(Your freedom to write in your own style is restricted)

Instructions here is not the best way but just my preference

So, your feedback is crucial to make the documentation better

<https://docs.google.com/document/d/11tPo-Nk2gEIORHKOwgsvcXv1zKs87Yy-WcnMt1E6caw/edit>

INTT wiki

- <https://wiki.sphenix.bnl.gov/>
 - Click “INTT” on the left panel
- Maintained by SDCC group
 - No need to log in to view the page if you are in BNL network
 - Need two factor authentication to view from outside
 - Two factor authentication to edit the page from on-site/outside
- All of the information should be summarized in the INTT wiki page
 - Your analysis notes, talks, publications, thesis.
 - Run information
 - Online/offline software info
 - Detector info
 - Meeting, workshop archives
 - Any useful tips
- Let’s look through the INTT wiki page for 10min
 - Still many missing page, information...

Page Discussion

INTERmediate Tracker (INTT)

Contents [hide]

- 1 General Info
- 2 Runs
- 3 Online
- 4 Offline
- 5 Hardware
- 6 Internal Info

General Info [edit | edit source]

- Overview
- Members
- Publications
- Talks

Runs [edit | edit source]

- Beam Test
- Run23
- Run24
- Run25

Online [edit | edit source]

- Overview
- DAQ Operation
- Online Monitoring
- Online Software

Offline [edit | edit source]

- Overview
- Offline QA Plots
- Analysis Software
- Simulation
- Analysis Results

Hardware [edit | edit source]

- Overview
- Barrel
- Components
- Testbench

Internal Info [edit | edit source]

- Internal Meeting
- Workshop
- Photo, Video
- Helpful Tip

sPHENIX

Main page
Community portal
Current events
Recent changes
Random page
Help

sPHENIX detector

Magnet
MBD
ZDC/SMD
sEPD
EMCAL
HCAL
Tracking
TPC
TPOT
MVTX
INTT
Electronics
DAQ
Trigger
Software
Beam tests

Collaboration

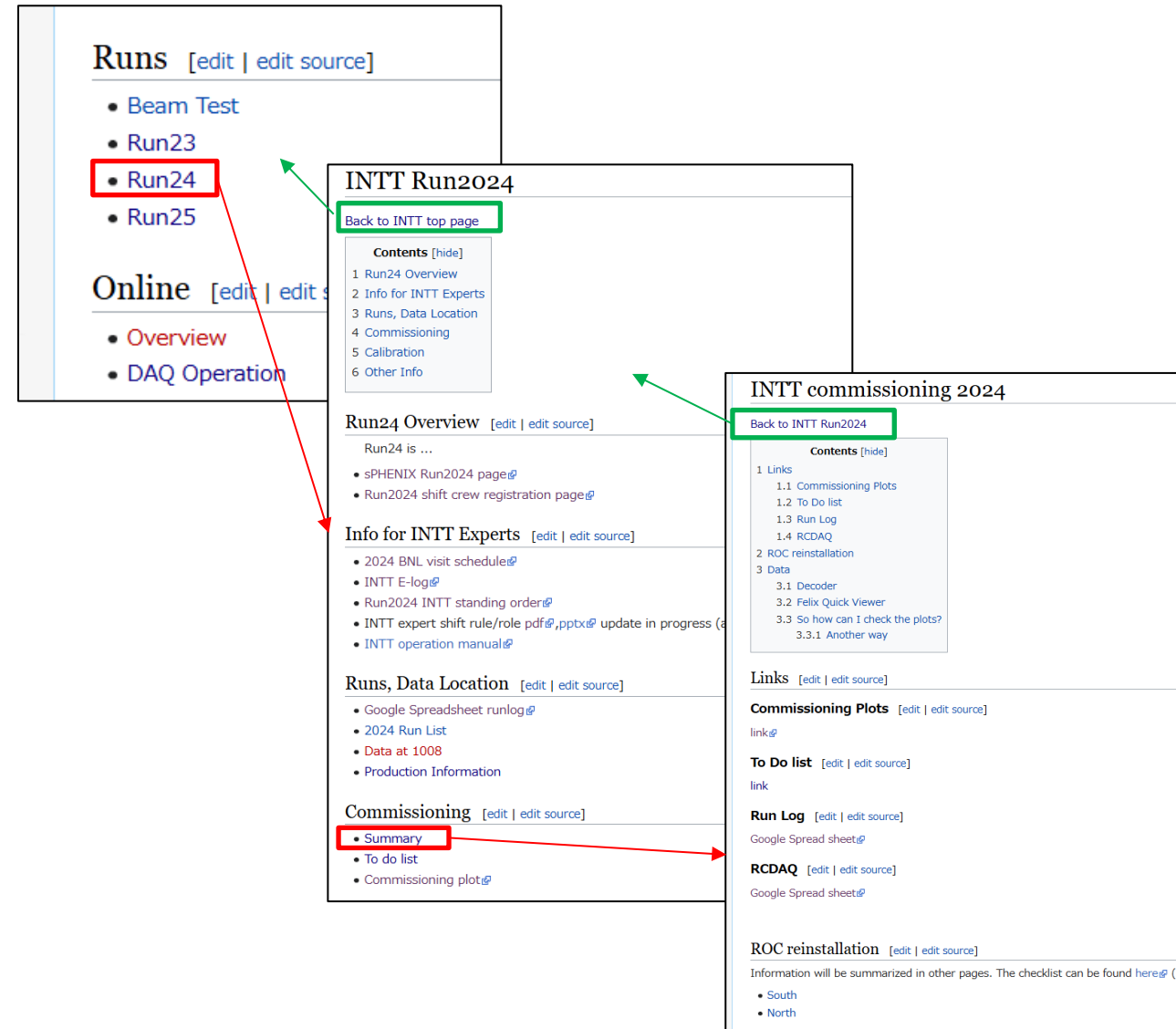
Meetings
Listservers
Speakers Bureau
Juniors
docDB
Invenio

Tools

What links here
Related changes
Upload file
Special pages
Printable version
Permanent link
Page information
Cite this page

Point 1 : Keep hierarchy structure

- Hierarchy structure is the most important thing for the INTT wiki page
- No more than 2-3 clicks depth for main contents
 - Top page (main portal) → main content1 (or sub-portals) → main content2
 - Exception: mutual links, external links, detailed contents (tables, pictures etc..)
- But don't make the pages very long...
 - Reorganize the hierarchy structure if you end up with making such long page
- Put a link (or links) to the parent page
 - Don't rely on browser's "Back" function



Point 2 : Keep same style

- For the same kind of category, use the same (or a similar) page structure as much as possible

INTT Run2025

[Back to INTT top page](#)

Contents [hide]

- 1 Run25 Overview
- 2 Info for INTT Experts
- 3 Runs, Data Location
- 4 Commissioning
- 5 Calibration
- 6 Other Info

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 [↗](#)

Commissioning [\[edit | edit source\]](#)

Calibration [\[edit | edit source\]](#)

Other Info [\[edit | edit source\]](#)

INTT Run2024

[Back to INTT top page](#)

Contents [hide]

- 1 Run24 Overview
- 2 Info for INTT Experts
- 3 Runs, Data Location
- 4 Commissioning
- 5 Calibration
- 6 Other Info

Run24 Overview [\[edit | edit source\]](#)

Run24 is ...

- sPHENIX Run2024 page [↗](#)
- Run2024 shift crew registration page [↗](#)

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

- 2024 BNL visit schedule [↗](#)
- INTT E-log [↗](#)
- Run2024 INTT standing order [↗](#)
- INTT expert shift rule/role pdf [↗](#), pptx [↗](#) update in progress (authentication issue)
- INTT operation manual [↗](#)

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

- Google Spreadsheet runlog [↗](#)
- 2024 Run List
- Data at 1008
- Production Information

Commissioning [\[edit | edit source\]](#)

- Summary
- To do list
- Commissioning plot [↗](#)

Calibration [\[edit | edit source\]](#)

- DAC0 scan
- DAC Scan
- Hot Channel Determination
- Timing scan
- Streaming Readout
- Misc

INTT Run2023

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Contents [hide]

- 1 Run23 Overview
- 2 Info for INTT Experts
- 3 Runs, Data Location
- 4 Commissioning
- 5 Calibration
- 6 Other Info

Run23 Overview [\[edit | edit source\]](#)

Run23 is ...

- sPHENIX Run2023 page [↗](#)
- Run2023 shift crew registration page [↗](#)

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

- 2023 BNL visit schedule [↗](#)
- Measurement plan in 2023 [↗](#)
- INTT software task [↗](#)
- Cable Mapping [↗](#)
- INTT E-log [↗](#)
- Run2023 INTT standing order [↗](#)

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

- Original Run Log [↗](#): Don't change it.
- new Run Log [↗](#): Summarized/formatted run log by Ryota.
- 2023 Run List
- Data at 1008/SDCC
- How to access/analyze data

Commissioning [\[edit | edit source\]](#)

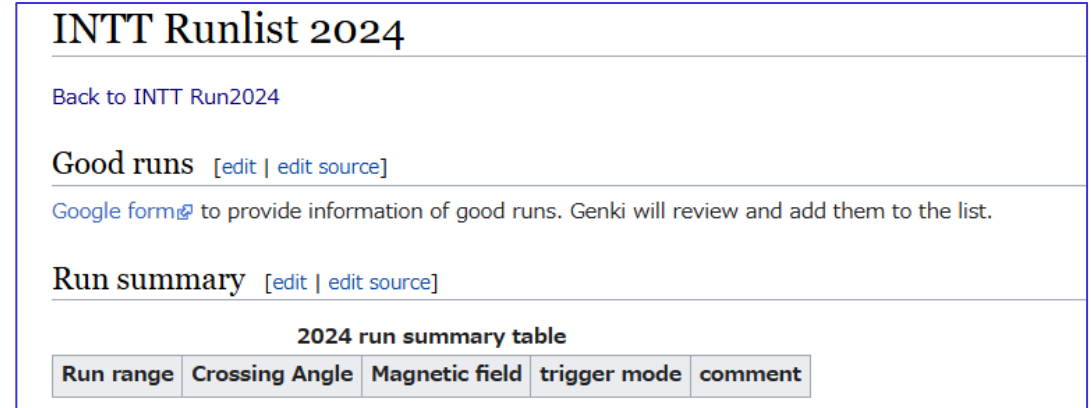
- Summary

Calibration [\[edit | edit source\]](#)

- Pedestal analysis (Ryota)
 - Instruction of pedestal analysis
- DAC scan (Cheng-Wei, Yuka)
- Offline hot channel analysis (Jaein, Yuka)
- Online hot channel analysis (Joseph)
- Pileup (Mai K.)
- v2?

Point 3 : Page naming

- Name of the INTT related page must be “INTT_xxxxx”
 - Name of the page is used as unique URL
 - sPHENIX wiki page is shared with other subsystems
- The page title in the top is generated from the URL name without underbar
 - https://wiki.sphenix.bnl.gov/index.php?title=INTT_Runlist_2024
→ “INTT Runlist 2024”
- If you don't like the name of the page, you can rename it by moving the page



INTT Runlist 2024

[Back to INTT Run2024](#)

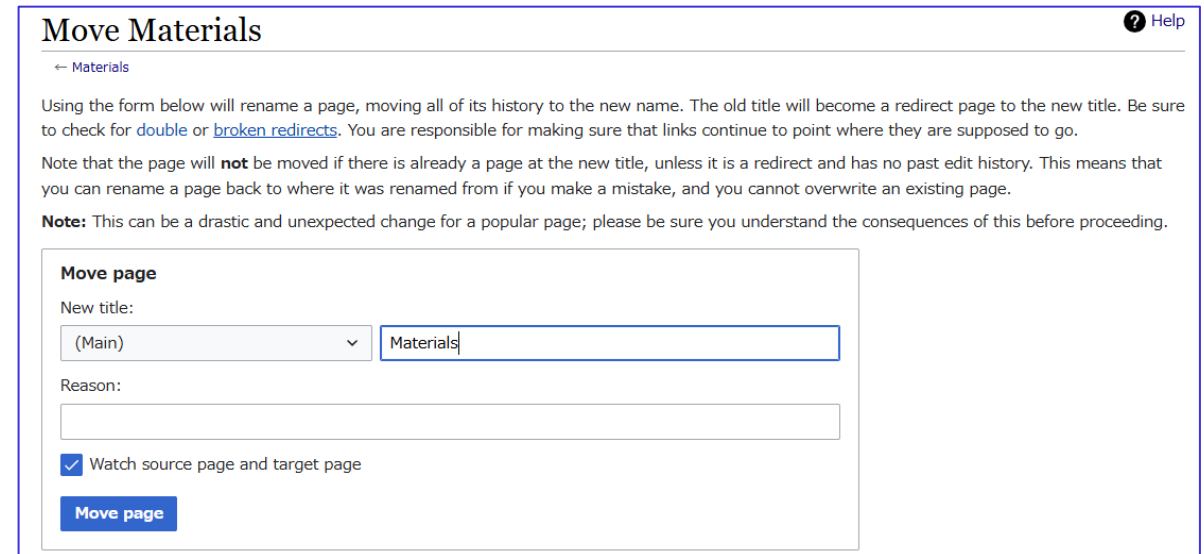
Good runs [\[edit\]](#) [\[edit source\]](#)

[Google form](#) to provide information of good runs. Genki will review and add them to the list.

Run summary [\[edit\]](#) [\[edit source\]](#)

2024 run summary table

Run range	Crossing Angle	Magnetic field	trigger mode	comment
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Move Materials ? Help

← Materials

Using the form below will rename a page, moving all of its history to the new name. The old title will become a redirect page to the new title. Be sure to check for [double](#) or [broken redirects](#). You are responsible for making sure that links continue to point where they are supposed to go.

Note that the page will **not** be moved if there is already a page at the new title, unless it is a redirect and has no past edit history. This means that you can rename a page back to where it was renamed from if you make a mistake, and you cannot overwrite an existing page.

Note: This can be a drastic and unexpected change for a popular page; please be sure you understand the consequences of this before proceeding.

Move page

New title:

(Main)

Reason:

Watch source page and target page

Upload your files

- Where you upload put your materials?
 - Wiki
 - Indico agenda
 - Github
 - docDB (need to be in BNL network)
 - Invenio

The image shows two web interfaces. On the left is the 'Document Database' with a search bar and a list of documents. On the right is the 'sPHENIX Invenio' interface with a search bar and navigation icons for 'COMMUNITIES', 'SEARCH', and 'UPLOAD'. A red box highlights the 'Upload' icon in the Invenio interface, with a red arrow pointing to the 'Upload file' form on the right.

The image shows the 'INTermediate Tracker (INTT)' website. The main content area is divided into sections: 'Contents', 'General Info', 'Runs', 'Online', and 'Offline'. The 'Runs' section is highlighted with a red box, and a red arrow points from the 'Upload file' form on the right to the 'Upload file' link in the 'Runs' section.

The image shows the 'Upload file' form. It includes instructions on how to use the form, a search bar for previously uploaded files, and a list of file types that are permitted. The form has fields for 'Source filename', 'Destination filename', and 'Summary'. There are also checkboxes for 'Watch this file' and 'Ignore any warnings'. A red box highlights the 'Upload file' button at the bottom.

sphenixproj-doc-#	Title	Author(s)	Topic(s)	Last Updated
16-v10	INTT member	Genki Nukazuka	INTT	01 Oct 2024

Number of documents found: 1

Your file name (recommendation)

- File name of your presentation slide to be uploaded to public page should have at least these three information
 - Date
 - Your name
 - Simple descriptionand as short as possible. For instance, the file name of this slide is
 - 241119_KoreaWS_WikiDoc_Enokizono.pdf
- The naming convention should be consistent within your manner
 - A bad manner is like:
 - 240717_INTTmtg_Enokizono.pdf
 - INTTmtg_20240724_Enokizono.pdf

Upload missing slides, papers

- Please check you upload your slides to Indico pages for INTT meeting and INTT Japan group meeting, and your publications, if have not done yet
 - INTT Meeting
 - https://wiki.sphenix.bnl.gov/index.php?title=INTT_Weekly_Meeting_Archives
 - Japan Group Meeting
 - https://wiki.sphenix.bnl.gov/index.php?title=INTT_Japanese_Group_Meeting_Archives
 - Wiki Publication, Talk pages
 - https://wiki.sphenix.bnl.gov/index.php?title=INTT_Publication
 - https://wiki.sphenix.bnl.gov/index.php?title=INTT_Talk
- Let's search through your contributions for 15 min, and upload missing slides and publications if possible
 - Hope you have your presentation slides in your laptop, so let's start from the files then look into the corresponding meeting page
 - For students who already graduated and left sPHENIX, supervisors should take care of it.
- PDF file is the best option to upload as shared documents (for all windows, Mac and Linux users)
- **Supervisors must take care of the materials of former students**