



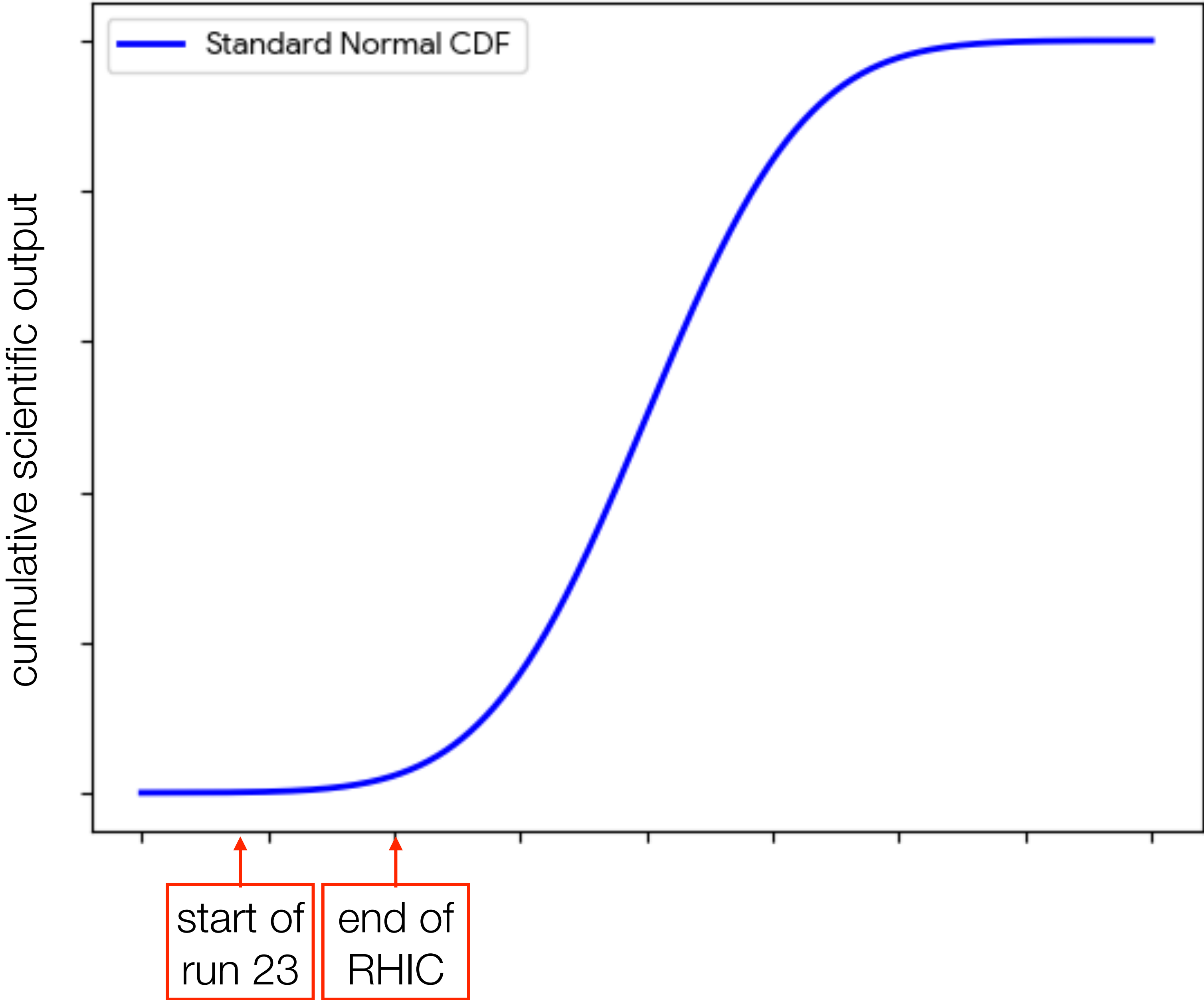
sPHENIX Collaborative Tools

David Morrison

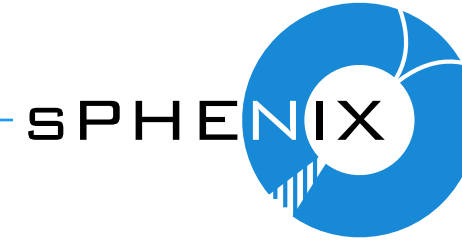
We rely on collaborative tools to ...

- manage the collaboration itself
- communicate with each other
- develop our scientific and technical work
- distribute our work to ourselves and the outside world

sPHENIX science output has barely begun



General considerations



- We need some tools that can be used by *all* collaborators
 - Works against BNL-favored tools like outlook, sharepoint
- Tools need to work with authentication and authorization and policies
 - E.g., we micromanage indico access — could be better
 - Public web pages less used than in olden times
 - Resilient against mischief, particularly for public-facing things (zoom bombing, drupal)
- Tools need to have a long-term future
 - Prefer tools that have a large base of non-sPHENIX users (e.g., CERN)
- Need to be relatively cheap to maintain

What have we been using?

- phonebook
- indico (sharepoint maybe not)
- zoom, mattermost, teams (a long history here: bluejeans, vidyo)
- mailing lists (again, long history of implementations)
- wiki, web pages (drupal)
- surveymonkey, qualtrics, zoom
- when2meet, doodle (outlook not so much)
- google docs, overleaf, dropbox (other "boxen" like BNLBox, CERNBox)
- indico, docDB, invenio, scibot
- CI/CD: GitHub, Jenkins (software infrastructure relies on lots of things: e.g., cvmfs, but not AFS)

We're exposed to changes in tech and policy

Reply Reply All Forward Archive Junk Delete More

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Cc Caltieri, Dennis

Attention BNL Sympa List Owners 1:47 PM

You are receiving this message because you are configured as an owner of an email distribution list on lists.bnl.gov.

To align our email list server with modern cybersecurity standards, ITD will be disabling public archives for all email lists. This change does not affect the lists themselves, which you can continue to use to communicate within your communities. It only impacts the visibility of past correspondence on the lists website.

If you have a use case that relies on public archiving, or if you have any questions, please reach out to me.

Thank you,
Nick Muse
BNL Cyber Security

More thoughts

- Use more of phonebook features
 - fuller accounting of roles and contributions
 - persuasive reports on activity, input to speaker's bureau decisions
- Simple support of work product workflow
- A "dashboard" showing state of work products
- More elaborate use of invenio "communities" as part of workflow
 - e.g., a set of communities tied to each specific analysis and paper
- Where does AI fit into all this? (If it does)

Summary of Collaborative Tools and Services Usage & Plans

| Service Pillar | Current Status | Details & Expertise | Future Plans |
|--------------------|--------------------------|---------------------|--|
| Phonebook | <i>Production</i> | | <i>Integrate with Indico, expand to member-in-good-standing survey</i> |
| Invenio RDM | <i>Production</i> | | <i>Heavy usage</i> |
| Zenodo | N/A | | N/A |
| Drupal | Some public-facing pages | | Not very attractive pages, would prefer an alternative |