

Communications: Indico/doc-db/wiki/Slack

Sergei Chekanov (ANL)
R. Bernstein (FNAL)
All-Conveners' Mtg #2
12 Mar 2020

Strategy

- Use each tool for what it is good at
 - We have varying familiarity with each one
 - No good single tool
-
- Hence everyone has to learn a little, no one has to learn everything

Tools

- Indico: great for conferences, does not have a natural way to version or dynamically change topics and organize
- doc-db: a document data base. great for collaborating on documents, versioning very strong
- wiki: dynamic, lightweight. this is probably our “go-to” place
- slack: mix between email and texting

Not going to give usage details here, not enough time

Indico Status

- We have an Indico site hosted at FNAL
- Probably all of us have some familiarity with uploading/downloading talks
- Best tool for scheduling conferences
- One nice use case might be to have a talk on doc-db and then either use a link or upload it to Indico
 - for example, this talk was placed in Indico and uploaded to wiki automagically and lives in doc-db as well so I could work on it and it's nicely archived

doc-db status

- A little clunky by modern standards but very powerful
- You have to have a FNAL services account to write, public can read (very configurable)
 - I have made it a 5 min process to get a services account: Young-Kee, Tao have done this; many of you do already.
 - only disadvantage is that in order to administrate need to go through “Services Desk”. This was done to keep my load down. Typically 1 day turnaround for new topics, etc. Zero turnaround for working.

doc-db example

- Cut from our site
- All of this is configurable
- You then put documents, which can be anything from CAD drawings to any presentation format in where you want; get unique number

Snowmass

- Snowmass 2021 (2)
 - Accelerator Science Technology
 - Advanced Accelerator
 - EW/Higgs
 - Education and Outreach
 - Energy
 - Neutrinos
 - PBC
 - R&D
 - Computational Frontier
 - Cosmic
 - Education And Outreach
- Energy
 - BSM Physics
 - EW Physics
 - QCD Strong
 - Tools
 - Instrumentation
 - Neutrinos
- Rare and Precision
 - BLV
 - CLFV
 - Dark Sector at Low Energies
 - Fundamental Physics
 - Strange and Light Quarks
 - Weak Decays of B and C
- Theory (4)
- Underground

doc-db example

- Recent entry I made for Mu2e

I made 5 versions
as I worked on it,
and can go back

Document #:
Mu2e-doc-31784-v5
Document type:
[Int. Report](#)
Submitted by:
[Robert Bernstein](#)
Updated by:
[Robert Bernstein](#)
Document Created:
26 Feb 2020, 14:09
Contents Revised:
28 Feb 2020, 09:25
Metadata Revised:
28 Feb 2020, 09:25

[Update Document](#)
[Update Metadata](#)
[Add Files](#)
[Create Similar](#)
[Watch Document](#)

Abstract:

There is a potential conflict between measuring the RPC background and searching for $\mu^- \rightarrow e^+$ blinded.

Files in Document:

- [commentOnMuMinusToEPlus.pdf](#) (358.8 kB)
- [commentOnMuMinusToEplus.tar.gz](#) (371.6 kB)

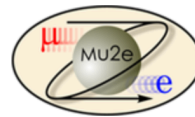
Get all files as [tar.gz](#), [zip](#).

Topics:

- [Physics Models:Mu- to e+ conversion](#)
- [Physics Studies:Backgrounds](#)
- [Physics Models:Mu- to e- conversion](#)
- [Physics Models:Radiative Pion Capture](#)

Authors:

- [Robert Bernstein](#)



Mu2e Collaboration

Mu2e Document 31784-v5

RPC Background Measurement and $\mu^- \rightarrow e^+$

pdf of actual doc
tarball of LaTeX

dbase is searchable: “Bob wrote x”, type in some keywords
or as I do, pull up everything I wrote. Cannot look inside docs

doc-db meetings


- Lightweight Indico capabilities for scheduling meetings
- Mu2e routinely uses this for working group meetings (and collaboration mtgs)
- “Pull up doc-db 12345 on your laptop” and also screen-share over Zoom.
- so one-stop shopping for small mtgs, or use Indico — we’ve set it up so you can work with whatever you like

wiki


- A single-stop organization site
- Co-conveners (and anyone we choose) can write
- Sergei Chekanov running it. DokuWiki format, hosted by private company. I tarball it once a week and back it up to FNAL-supported doc-db so we don't lose it as we did with Snowmass 2013
- Really nice (round of virtual applause for Sergei)

wiki status

- <https://jwork.org/snowmass21/start>



- WELCOME PAGE
- ANNOUNCEMENTS
- ALL SNOWMASS CALENDAR
- :: Organization
 - SNOWMASS ADVISORY GROUP
 - SNOWMASS STEERING GROUP
 - FRONTIER CONVENERS
 - APS DPF SNOWMASS PAGE
- :: Snowmass Frontiers
 - ENERGY FRONTIER
 - NEUTRINO PHYSICS FRONTIER
 - RARE PROCESSES AND PRECISION
 - COSMIC FRONTIER
 - THEORY FRONTIER
 - ACCELERATOR / TECHNOLOGY FRONTIER

 This wiki is under construction

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Welcome to Snowmass 2021

The Snowmass Process is organized by the Division of Particles and Fields of the APS. Snowmass is an effort to bring the entire HEP community to come together to identify and document a vision for the future of particle physics and its international partners.

We aim for everyone's voice heard. Your contributions and participation are critical for the success of Snowmass. Meetings will naturally occur as part of one or more working groups directed by the conveners. There will be various meetings for us to communicate with you and to receive your feedback. You are also welcome to provide suggestions on the Slack channel(<https://snowmass2021.slack.com/>). This Snowmass wiki provides new announcements and has pages dedicated to each frontier. If you are an early career scientist, we encourage you to join the "Snowmass Young" mailing list (snowmass-young@fnal.gov) by emailing to listserv@listserv.fnal.gov with the message "Subscribe snowmass-young YOUR NAME".

Sincerely,

Young-Kee Kim (DPF Chair), Tao Han (DPF Chair-Elect), Joel Butler (DPF Vice-Chair), Priscilla Cushman (DPF Vice-Chair-Elect)



[Edit](#)

randomly chosen wiki page

- we will want some uniformity, but this is yours
- can make links to Indico or doc-db or embed spreadsheets or...

This wiki is under construction

RARE EVENTS AND PRECISION

Edit

Topical groups

- [Baryon and lepton number violating processes](#)
- [Charged Lepton Flavor Violation \(electrons, muons and taus\)](#)
- [Dark Sector Studies at Low Energy](#)
- [Fundamental Physics \(axions, EDMs, precision muons\)](#)
- [Weak decays of b and c quarks](#)
- [Weak decays of strange and light quarks](#)

And our Frontier Calendar is here:

Date	Subject	Information and Links
to be determined	to be determined	to be determined

co-Conveners are Marina Artuso (Syracuse University), Bob Bernstein (Fermilab) and Alexey Petrov (Wayne State University)

Join our Slack workspace and the Snowmass email list!

For slack, send your slack handle to rhbobATfnalDOTgov or get a friend to send you an invite.

For joining the snowmass email list:


1) Send an e-mail message to listservATfnalDOTgov 2) Leave the subject line blank 3) Type "SUBSCRIBE SNOWMASS FIRSTNAME LASTNAME" (without the quotation marks) in the body of your message.

If you need help email rhbob[AT]fnalDOTgov. Please make the subject line "snowmass slack" or "snowmass email" and supply your slack handle and/or email address.

Edit

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- [Topical groups](#)
- [Meetings](#)



APS Engage

- More APS-facing, probably will use this in combination with wiki
- Young-Kee already using it effectively
- Again, use tool where it works
- Keeps APS engaged in our process

slack

- A couple of days ago I thought everyone knew about this and loved it. Wrong...
- Experiments use this all the time for real-time communication instead of email, groups of people can “talk”
- Slack “workspace” is Snowmass overall. Then you open a “channel” which is a general topic that contains equivalents of email or text threads
- Moment we opened it it was being used, currently ~450 members, now ~3.5K messages: *this is how to talk with early career people, not email. Most users have a Slack window open and pay attention to it since real info comes that way*
- Problem is that after 10K no longer free and you can keep using but problems. Too complicated to explain here but UChicago has volunteered to pay with academic discount x6; Slack is wary of being taken advantage of and I met with them, seems good

Our Slack Workspace

The screenshot shows a Slack workspace named 'snowmass2021'. The left sidebar contains a list of channels: # community_involvement..., # cosmic_frontier_topics, # general (selected), # instrumentation, # muons, # neutrinos, # random, # rare_precision_and_dark..., # snowmass-2021-planning, and # snowmass-advisory. Below the channels are 'Direct Messages' including Slackbot, Robert Bernstein (you), Brenna Flaughner, Claire Lee, Gordon Watts, Kate Scholberg, Mike Wallbank, Natalia Toro, and Tim Tait. The main window displays the '#general' channel. At the top, it shows '513' members and a link to 'https://snowmass-wiki.fnal.gov/wiki/Main_Page'. The date separator is 'Wednesday, March 4th'. A message from Brenna Flaughher (11:33 AM) discusses a potential conflict between the HEP Lab Cosmic Frontier Comparative review and the Snowmass community planning meeting at Fermilab. Below it, a message from Young-Kee Kim (1:19 PM) announces a 2.5-day Snowmass Community Planning Meeting in early Fall 2020 and provides a Google Sheet link for scheduling. The date separator changes to 'Friday, March 6th'. A message from Claire Lee (12:16 PM) states that Moriond EW and QCD are cancelled, with a link to 'http://moriond.in2p3.fr/2020/'. The bottom of the interface shows a message input field for '#general' with various formatting and action icons.

snowmass2021 Robert Bernstein

Jump to... < >

Threads Apps

Channels

- # community_involvement...
- # cosmic_frontier_topics
- # general
- # instrumentation
- # muons
- # neutrinos
- # random
- # rare_precision_and_dark...
- # snowmass-2021-planning
- # snowmass-advisory

+ Add a channel

Direct Messages

- Slackbot
- Robert Bernstein (you)
- Brenna Flaughner
- Claire Lee
- Gordon Watts
- Kate Scholberg
- Mike Wallbank
- Natalia Toro
- Tim Tait

#general 513 | 7 | https://snowmass-wiki.fnal.gov/wiki/Main_Page

Wednesday, March 4th

1 reply 8 days ago

Brenna Flaughner 11:33 AM

An issue for the far future: The HEP Lab Cosmic Frontier Comparative review is set for the week of Oct. 19-23. I heard the DPF was considering the same week for the Snowmass community planning meeting at Fermilab. If it is the same week it would limit participation of cosmic frontier people from all the labs so I hope that week can be avoided.

+ 5 2

Young-Kee Kim 1:19 PM

Dear colleagues,

We plan on having a 2.5-day Snowmass Community Planning Meeting early Fall 2020. In choosing dates, we would like to avoid conflicts with other major events in the community. If you are aware of such events (meetings, workshops, and conferences), please provide that information at https://docs.google.com/spreadsheets/d/1UCmmveVFtNQsY2xKst-3wGEnxx3vY9eK_pMhSbzPq4k/edit#gid=0

Many thanks,
Young-Kee Kim
DPF Chair

Gordon Watts 2:39 PM

In general, the HSF maintains a community calendar and the main HEP experiments try to keep it updated: <https://calendar.google.com/calendar/embed?src=e4v33e1a1drbncdle1n03ahpcs%40group.calendar.google.com&ctz=Europe/Amsterdam>

This of course is not complete (it is mostly focused on experiment meetings)

Friday, March 6th

Claire Lee 12:16 PM

So, Moriond EW and QCD are cancelled <http://moriond.in2p3.fr/2020/>

Message #general

📎 B I Aa @ 😊

Questions?

- Contact me or poke around or both

