



SAC Weekly Meeting

Jim Annis, Doug Berry, & Frank Chlebana

04 April 2022

We are here to have a discussion













Please follow our ground rules for all meetings in SAC

- Please mute when you are not speaking
- Please use the “raise hand” feature and the moderator will try to recognize people in order
- If we are moving on to another topic and your follow-up comment is on the current issue, please speak up. It is important to have timely and efficient conversations

From the [Fermilab Community Standards](#):

“Every member of the Fermilab community is welcome, and each encouraged to communicate their ideas and/or concerns. We seek to promote open communication which emphasizes listening, creativity, growth and development, collaboration, and inclusivity. This culture encourages respectful discussion and debate for mutual benefit.”

We are one Fermilab

-  Everyone is worthy of respect
-  Encourage discussion
-  Genuinely listen
-  Collaborate
-  Respect the messenger
-  Have courage
-  Own your voice
-  Be kind
-  Fresh perspectives lead to innovation
-  Encourage others to speak
-  Own it, mistakes happen
-  Share the air

Snowmass Process

- Community white papers were due on the arXiv March 15th
 - Still trickling in
 - The topical group conveners only promise to read those in by the deadline
 - Will make an effort to read the white paper submitted after the deadline
- Topical group reports are due May 31
 - Roughly 15 pages per report.
 - These make up the Snowmass book.
- Frontier meetings are occurring over the next two months
 - For example, the 2nd Cosmic Frontier meeting is Tuesday at 2:00pm
 - Planning for an in-person CF meeting early June.
- Snowmass Summer Meeting 17-26 July

Snowmass Agora on Accelerator-based dark sectors

- Snowmass Agora on an overview of new ideas to search for dark sectors at accelerator-based experiments
 - Friday, April 22. 1-4 PM US Central
- Register at
 - <https://indico.fnal.gov/event/53515/>
- Overseen by
 - the Accelerator Frontier & the
 - Rare Processes and Precision Measurement Frontier



1:00 PM	→ 1:30 PM	Motivation for accelerator-based dark sector searches Speaker: Natalia Toro (SLAC National Accelerator Laboratory)
1:30 PM	→ 2:00 PM	Phenomenology and search strategies Speaker: Stefania Gori (UC Santa Cruz)
2:00 PM	→ 2:15 PM	International Perspective Speaker: Gaia Lanfranchia
2:15 PM	→ 2:30 PM	Q&A
2:30 PM	→ 2:45 PM	Coffee
2:45 PM	→ 3:00 PM	Connection to other RF subgroups Speaker: Rodolfo Capdevilla (Perimeter Institute and University of Toronto)
3:00 PM	→ 3:15 PM	Connection to NF Speaker: Brian Batell (University of Pittsburgh)
3:15 PM	→ 3:30 PM	Connection to EF Speaker: Jonathan Feng (UC Irvine)
3:30 PM	→ 3:45 PM	Connection to AF Speaker: Jeffrey Eldred (Fermilab)
3:45 PM	→ 4:00 PM	Q&A

All Scientist Retreat Report

- The report is in final editing. We expect it done by Friday April 8.
- This retreat was the 4th in a series that was meant to start the Lab scientists thinking about Fermilab's future science to prepare for Snowmass.
- This report is the capstone report of that process, and is the final expected before P5 begins.

IPPM Strategic Planning Workshop

- The next IPPM strategic planning workshop is penciled in for April 25
- The Snowmass white papers will have been submitted and the community will have had a few weeks to think about their content
- The workshop is expected to focus less on timelines, as did the first workshop, and more about how Fermilab plans dovetail with the Snowmass progress.

SAC Quantum Working Group

- We have two new co-convenors for the SAC Quantum Working Group.
- Bianca Giaccone
- David Van Zanten
- They have contributed a section for the all-scientist retreat summary.

New SAC Member

- The 2021-2022 SAC term is half finished.
- With Mattia Checchin having left the lab, we need a replacement SAC member.
- Mattia suggests Bianca Giaccone, an associate scientist in SQMS that has been at the Lab for about 1 year.
- No known procedure for appointing a replacement. We suggest that we ask Bianca Giaccone to fill out the rest of Mattia's term.
 - Questions?
 - Comments?
 - Approval?

Today's agenda

- Email Security Changes
 - Jim Annis
 - SAC discussion with guests Jon Bakken and Andy Huguenard
- Professional Development Leave at Fermilab
 - Jeff Eldred & Eileen Crowley

Email Security Changes

From: Computing-Announcements <computing-announcements@fnal.gov>
Subject: Important Fermilab email security changes
Date: March 24, 2022 at 9:52:59 AM CDT
To: cd <cd@fnal.gov>



Important Fermilab email security changes

Dear colleagues,

WHAT ARE WE DOING?

Fermilab is now required to enable an email security setting that helps prevent unauthorized use of our email domain and aids in protecting you from spam, fraud and phishing. **We strongly urge you to read this email carefully and follow the directions below to ensure you do not miss important email messages.**

WHAT IS THE IMPACT TO YOU?

Due to these rules, we are required to make changes to our mail configurations that may result in quarantined, and eventually, rejected email. The FermiMail support team and others have been working for more than a year to limit the impact of these required changes. We believe that the effect will be minimal.

Beginning Monday, Apr. 4, we will temporarily change email security settings so that any email that does not pass a security check will be marked as spam and delivered to your Junk Email folder. Please check your Junk Email folder frequently (This is always a good practice). We want to make sure any needed email is not lost. This quarantine period will provide you with the opportunity to identify any valid email that is incorrectly marked as spam in advance of the permanent change, which will occur on May 2.

Beginning May 2, any email message that does not pass the security check will be rejected and will not be delivered to your email box.

Be aware that some Fermilab services send out email notifications from a subdomain (e.g., sender@subdomain.fnal.gov). **This can cause the security check to fail and for email to be subsequently marked as spam.** This includes email from onsite Linux servers, for example, email sent through a script or Linux system messages sent through the internal SMTP servers.

WHAT DO YOU NEED TO DO?

Between April 4 and May 2, we urge you to closely monitor your Junk Email folder. If you notice that any valid email message is incorrectly being sent to your Junk Email folder, email FermiMail-DMARC-Issue@fnal.gov specifying the message sender's email address. The FermiMail support team will then troubleshoot the issue.

- Some concerns have been raised:
 - Email is one of the primary communication channels for our scientific mission
 - The Lab's implementation does not seem to have been shown to science stakeholders for comments about possible impact.
 - The announcement email did not provide enough information to judge what the likelihood of important emails being sent to Junk.
 - Members of international collaborations have concerns about international email addresses.
 - We have no information about statistics of true positives, true negatives, and false negatives of spam, fraud, phishing.
 - We rely on email and are concerned about transparency and reliability.

