



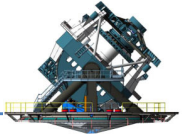
## Community Communications

**Beth Willman/Ranpal Gill**  
**LSST Deputy Director/Communications Manager**

**Science Advisory Committee Meeting**  
**21<sup>st</sup> February 2018**



Science Advisory Committee Meeting • Princeton, NJ • 21<sup>st</sup> February 2018

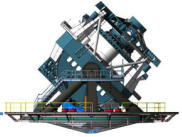


## Overview

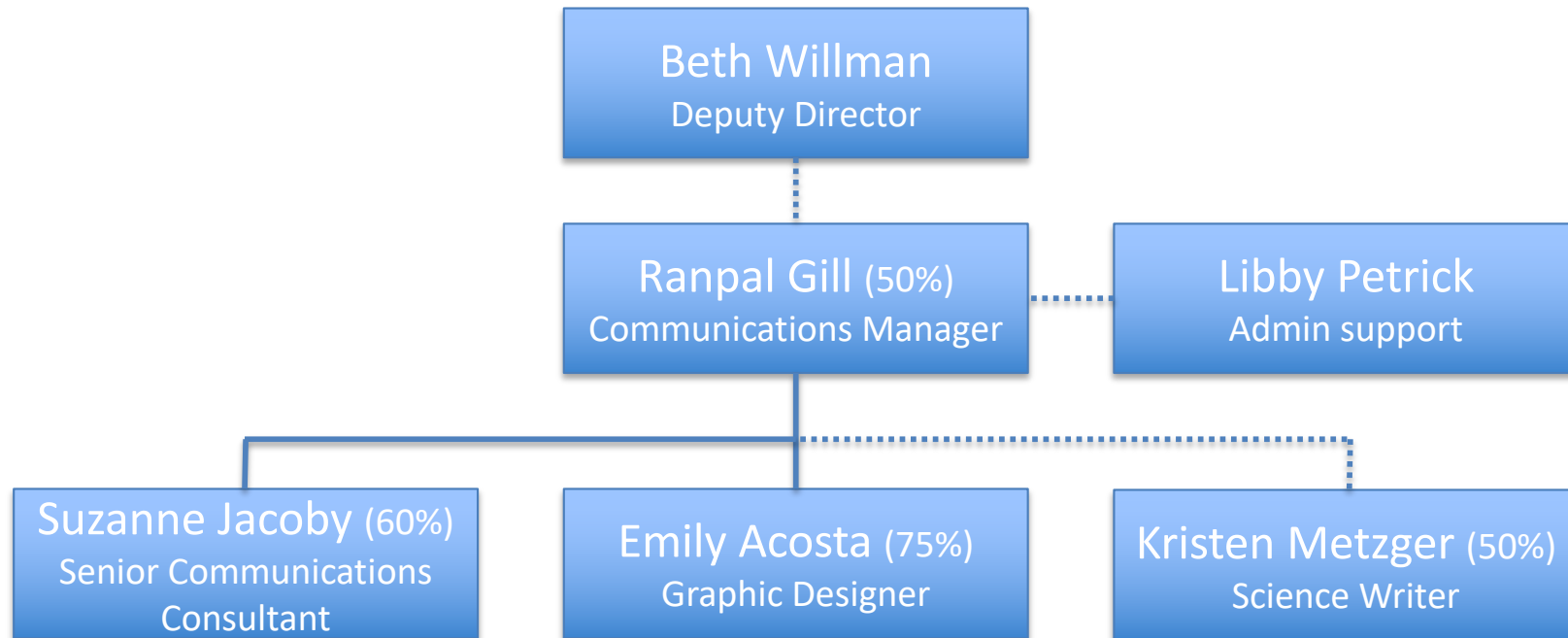


### Presentation will cover

- Current initiative to improve “for scientists” area on LSST website
  - Why?
  - What?
  - When?
- Other channels
  - External
  - Internal
- LSST Survey naming



## Communication Office





# Annual Science Community Survey



1



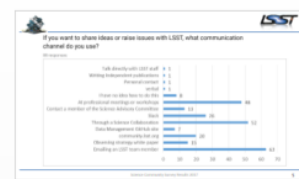
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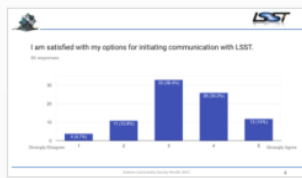
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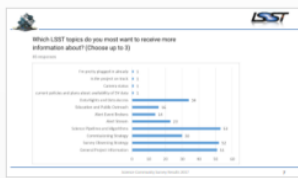
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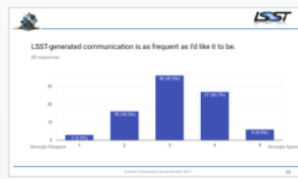
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11



12



13



14



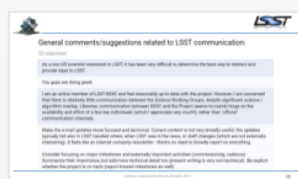
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16



17



18

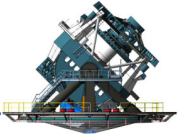


19

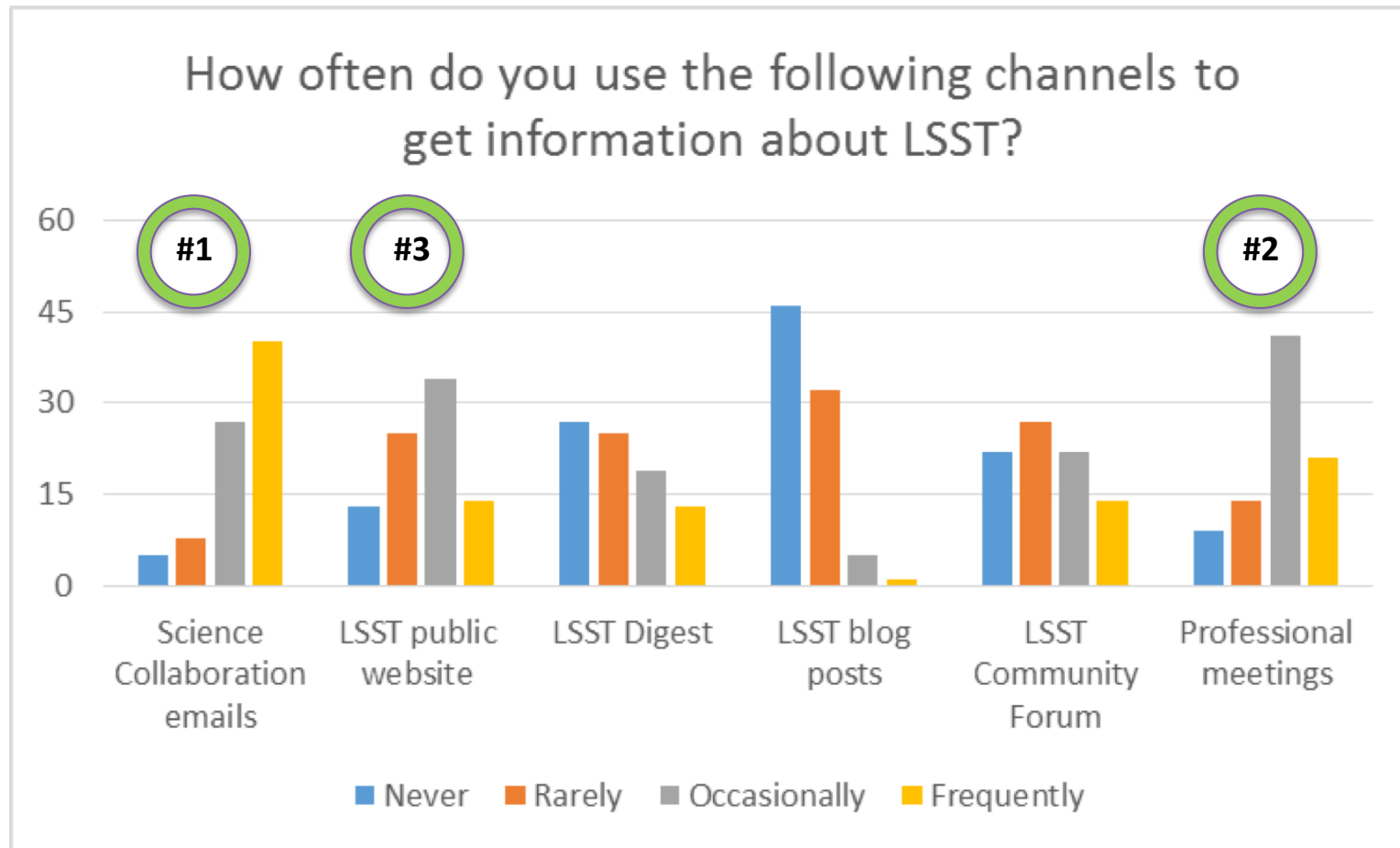


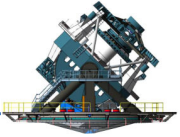
20





## Science Community - Survey results 2017 (1)



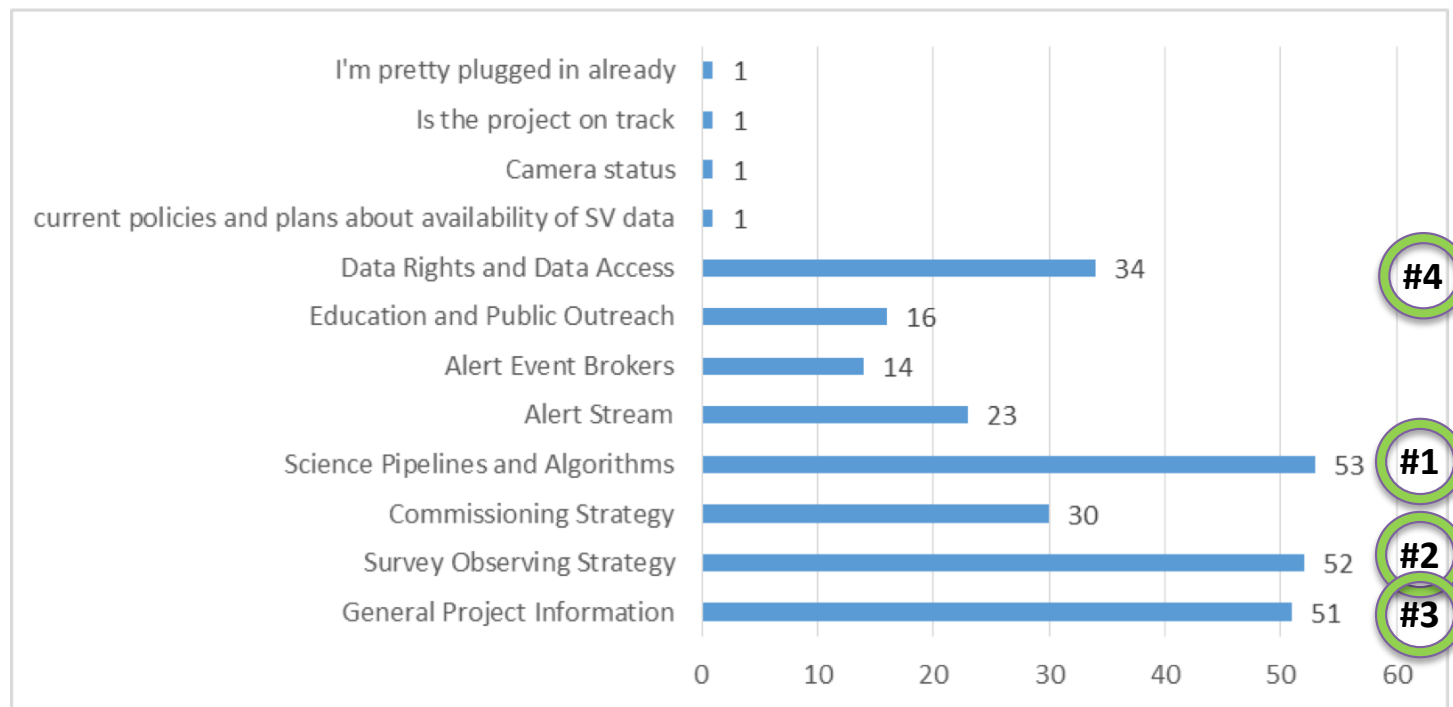


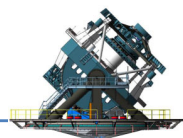
## Science Community - Survey results 2017 (2)



Which LSST topics do you most want to receive more information about? (Choose up to 3)

85 responses

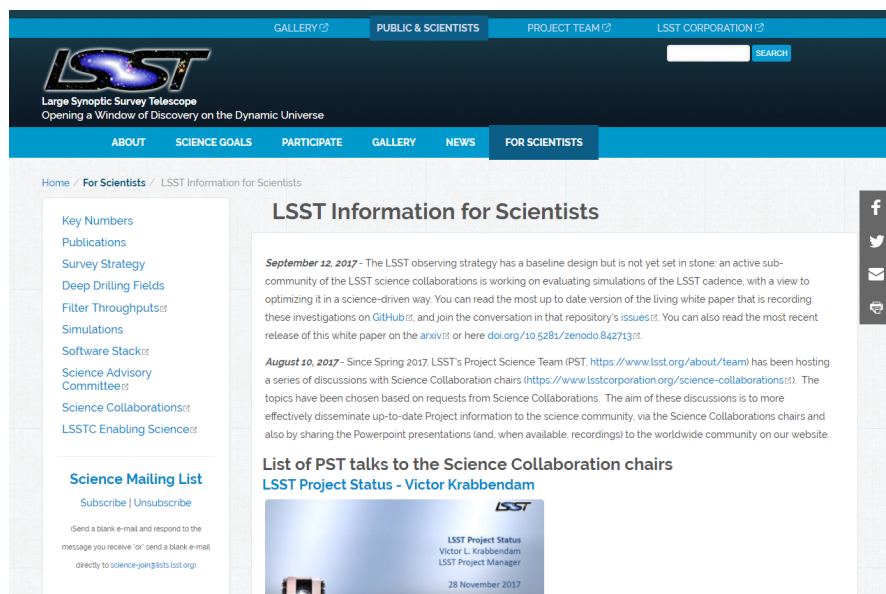




Current

vs

Desired

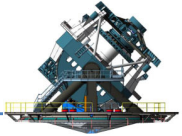


The community **want** information on (top 4 only):

1. Science Pipelines and algorithms
2. Survey obs strategy
3. General project information
4. *Data Rights and Data Access*

They generally get information from (top 3 only):

1. Sci Collab Email
2. Professional meetings
3. **LSST website** (<https://www.lsst.org/scientists>)



## Review committee



### Members

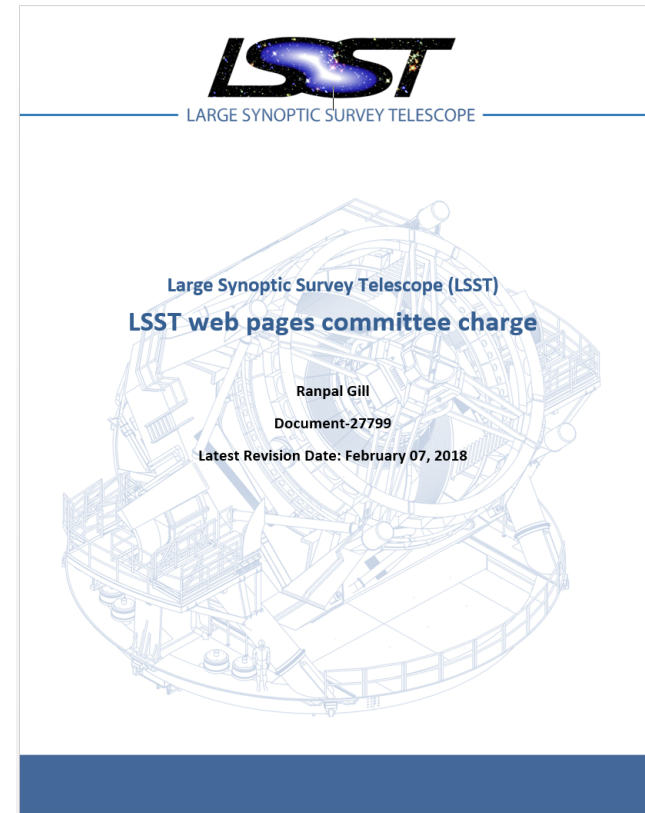
- Federica Bianco - TVS Collab
- Dara Norman - Galaxies Collab (&LCSC-NOAO)
- Michelle Bannister - Solar system or
- Aprajita Verma - strong lensing
- Ranpal Gill – LSST PO

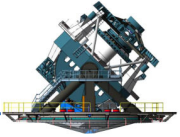
### Chair

- Federica Bianco - TVS Collab

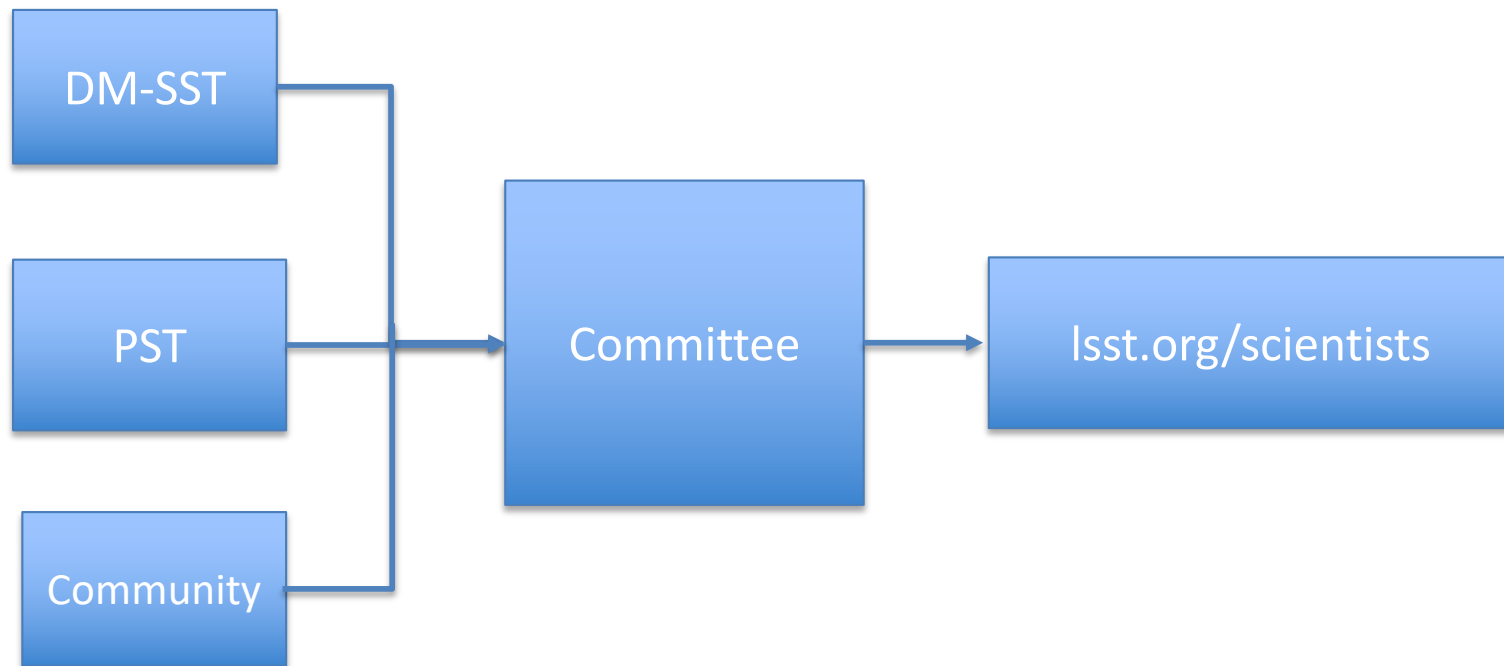
### Support

- Ranpal Gill
- Emily Acosta

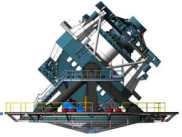




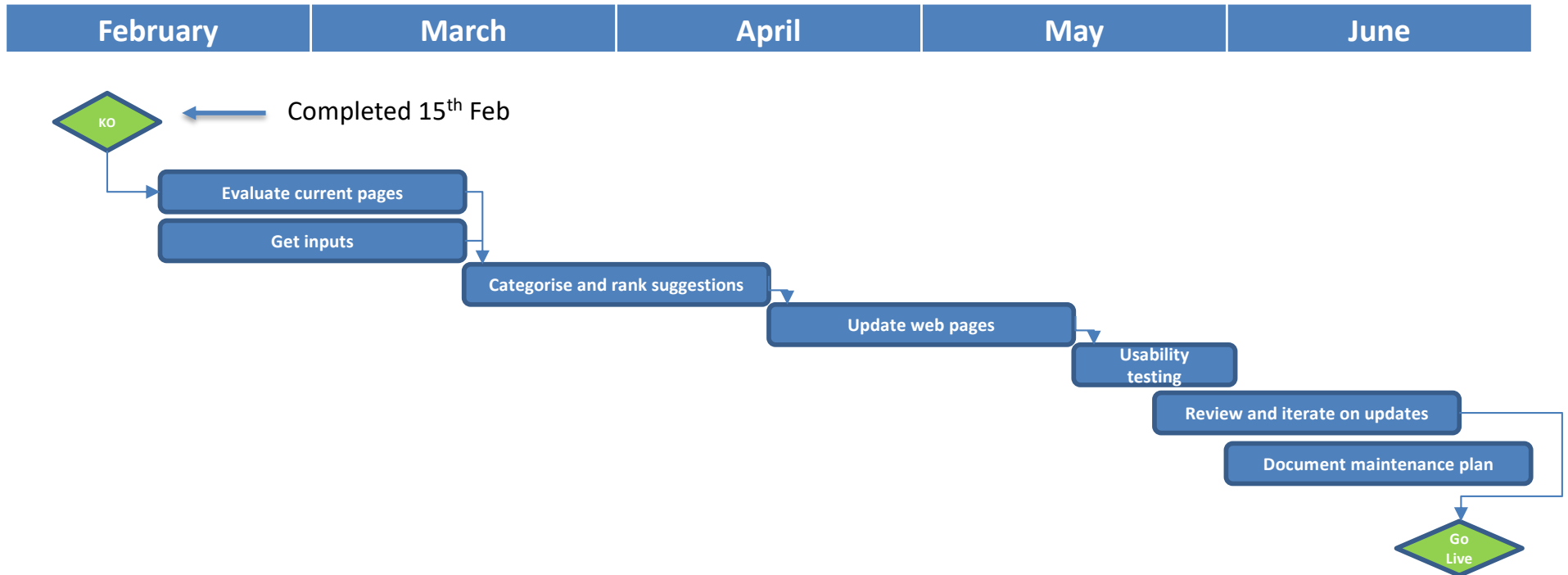
## Review & Feedback

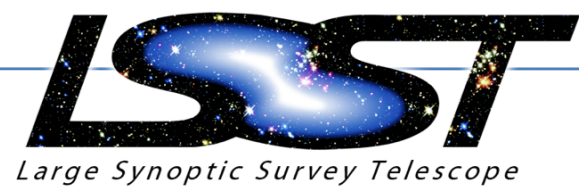
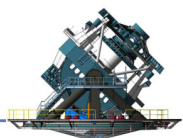




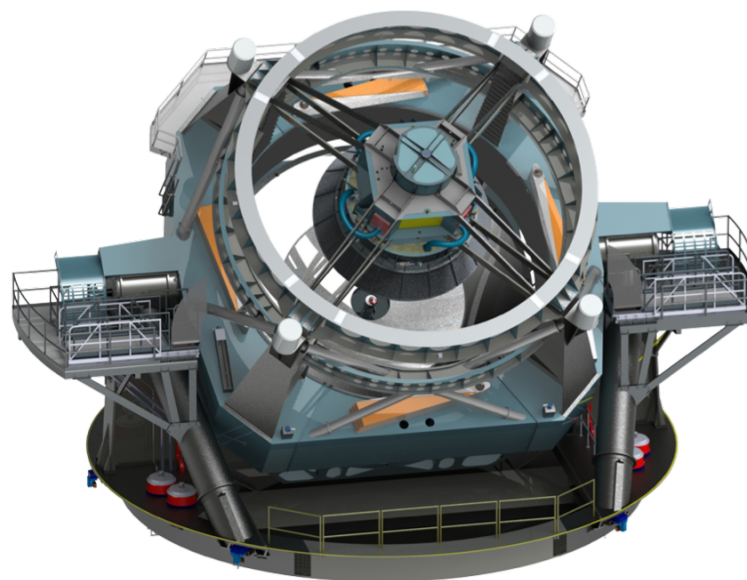


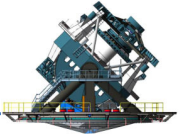
# Timeline





## Other Channels





## Digest



### LSST News Digest for 14February2018

[Also posted and archived at <https://www.lsst.org/news/digest>]

#### PROJECT & SCIENCE NEWS - Noticias del Proyecto

A meeting of AURA's Management Council for LSST (AMCL) took place in Tucson on January 29-30. The AMCL, which meets three times a year, is the primary management body for LSST. AURA President Matt Mountain was present along with LSST Senior Management for a productive agenda of presentations and discussions in Washington, DC.

The LSST Overview paper will be issued soon; to prepare for this, the Project Office has initiated verification of the "Builders List" in members.

LSST's Auxiliary Telescope, which has been under refurbishment at the LSST Project Office in Tucson, will soon undergo functional testing. A recent meeting discussed the Auxiliary Telescope and its role in the LSST survey in this recent [news post](#).

The Dark Energy Science Collaboration (DESC) winter meeting was held at SLAC on February 5-9. More than 170 participants attended the meeting in the Camera clean room. The meeting kicked off with the 7th edition of Dark Energy School, a one-day interactive session designed to provide an overview of the project and its science goals.



# Digest



## LSST News Digest for 31 January 2018

[Also posted and archived at <https://www.lsst.org/news/digest>]

### PROJECT & SCIENCE NEWS- Noticias del Proyecto

The [231st AAS Meeting](#) concluded on January 12 in National Harbor, MD. LSST hosted a well-attended Town Hall during the meeting; slides from presentations given at the event are available [here](#). LSST also staffed an exhibit booth (photo [here](#)) in the NSF Pavilion throughout the meeting.

To alleviate persistent communications challenges with terminology LSST will no longer use the Data Management terms “Level 1,” “Level 2,” and “Level 3” for computing data products. Instead we will use the clearer terms “Prompt Products,” “Data Release Products,” and “User Generated Products,” respectively. This terminology is for product types in Project documents. A selection of community-facing Project documents and [webpages](#) are being updated to reflect the change.

A Provisional Acceptance Test of the washing facility will take place later this month at the [Von Ardenne](#) facilities in Dresden, Germany. The review includes observation by LSST Coating Chamber Engineer Tomislav Vicuna. This special machinery will remove the old mirror coating and wash the mirror prior to moving it into the coating process for washing and coating LSST’s mirrors can be found in this recent [news item](#).

The Back Flange of the LSST Camera was received at [SLAC National Accelerator Laboratory](#) last week (click here for a [photo](#)). Fabricated from a single piece of aluminum, the Back Flange provides structural support for the rest of the Camera and is the mechanical interface between the Camera and Telescope. At SLAC, purge line installation is under way for the next few months. Then it will be shipped to IN2P3 in France, where it will be integrated with the filter exchange carousel and auto changer.



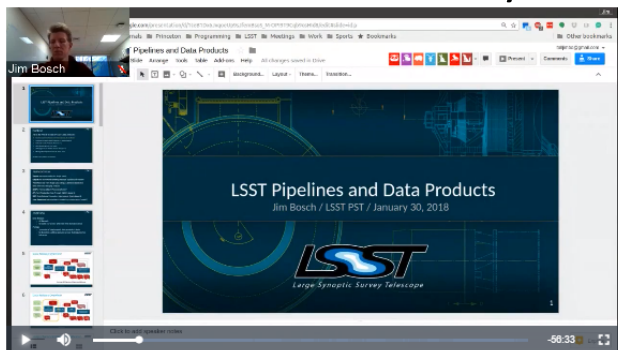
## Events



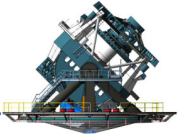
### PCW



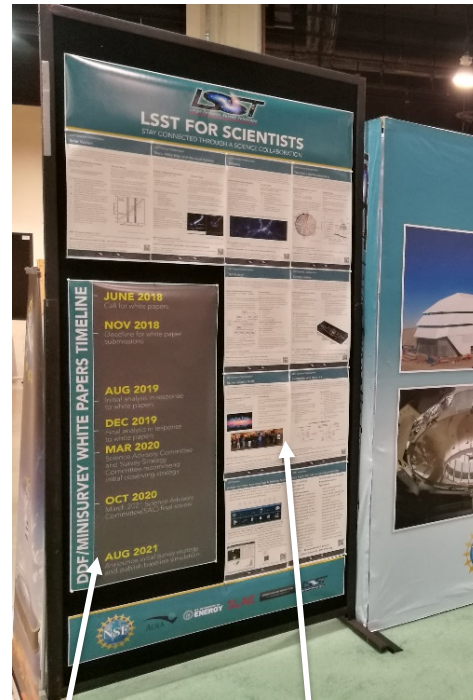
### PST-Sci Collab - Monthly







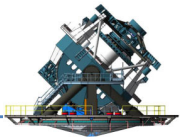
AAS



White  
paper  
timeline

Science  
Collaboration  
posters





# Social Media



Send to... 0

Compose message...

Composer BETA Upgrade my plan

Publisher

Drafts

Scheduled

Past Scheduled

Require Approval

Expired Approvals

Rejected

Content Promotion:

Boost NEW

Content Sources:

RSS Feeds

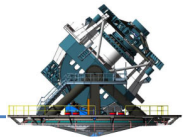
Bulk Message Upload

Try Bulk Composer BETA

3

January 2018


Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1	2	3 12:50p @LSST will be at #AAS231	4	5 1:10p Going to #AAS231 ne 4:05p Catch up with @LSST	6
7	8 4:20p Come visit @LSST at #	9 9:20a @LSST is hiring! Come	10 8:40a @LSST Town Hall at # 1:20p If you're at #AAS231 s 5p The @LSST Town Hall #A	11 7a Dr Amanda Bauer @astr 7:30a Come check out @wo 3p At AAS#231? Learn more	12	13
14	15	16	17	18 1:55p The first LSST News D 2p The first LSST News Dige 2p The first LSST News Dige 2p The first LSST News Dige 2 more...	19 9:30a Fly over the rapidly-ad 9:30a Fly over the rapidly-ad	20
21	22	23 3:40p How will the specializ 3:40p How will the specializ	24	25	26	27



# Website



[GALLERY](#) [PUBLIC & SCIENTISTS](#) [PROJECT TEAM](#) [LSST CORPORATION](#)




**Large Synoptic Survey Telescope**  
Opening a Window of Discovery on the Dynamic Universe

[ABOUT](#) [SCIENCE GOALS](#) [PARTICIPATE](#) [GALLERY](#) [NEWS](#) [FOR SCIENTISTS](#)


[Home](#) / [Participate in LSST](#)

### Forum for Community Discussion



**November 19, 2015** - LSST invites the astronomy community to join us at <https://community.lsst.org>. The LSST Community forum is an open platform for learning about LSST, asking questions, and participating in LSST's development... [read more](#)


Tweets




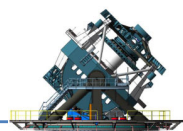
## Participate in LSST

Now that LSST has received its [federal construction start](#), the [Project Office](#) is focused on building the facility and the role of engaging the community to Enable Science from LSST during operations has been taken on by the [LSST Corporation](#). There are many ways for you to participate in LSST now:

- [LSST Communications Code of Conduct \(PDF\)](#)
- Be informed by subscribing to our [Project Digest](#)
- Or join the [Scientists Mailing List](#)
- The [community.lsst.org](#) forum is available for technical discussion and community-based software support
- Read the community white paper on the [LSST Observing Strategy](#) in arxiv and contribute to the living document in [GitHub](#).
- Become an [Institutional Member of LSSTC](#)
- Become an [International Contributor to support Operations](#)
- Join a [Science Collaboration](#)
- Interact with the [LSST Science Advisory Committee](#)
- Visit the [LSST Data Management Website](#) for information on downloading the Open Source Software stack and accessing data sets; begin by reading the [User's Guide](#)
- Visit the [LSST Simulation Website](#) for information on the LSST Image and Operations Simulations efforts.
- Join the Team - [LSST is Hiring](#)
- There are also opportunities for [Doing Business with LSST](#)



 [Print](#)



communications-team@lists.lsst.org



≡

JIRA

Dashboards ▾

Projects ▾

Issues ▾

Gantt Chart ▾

Boards ▾

Tests

Scrum Standup

Create

Search

🔍

🔊

?

⚙️

👤

FILTERS

<<

New filter

Find filters

My open issues

Reported by me

All issues

Open issues

Done issues

Viewed recently

Created recently

Resolved recently

Updated recently

FAVORITE FILTERS

CCB-LITs

Comms Open We...

Communication-M...

Communications c...

Communications...

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Tools

Communications ▾

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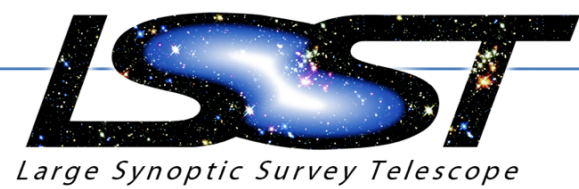
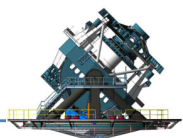
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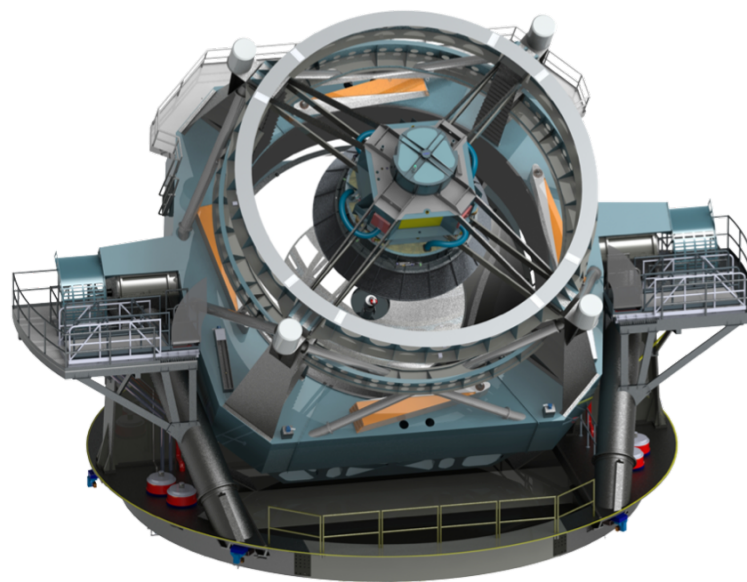
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T	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created ↑	Updated	Due	Resolved	Labels
✓	COMT-8	[LSST]Communications-Team #202] Re: Education and Outreach Strategy- Eclipse 2019	Amanda Bauer	Ranpal Gill	★	IN PROGRESS	Unresolved	26/Sep/17	09/Nov/17	28/Feb/18		None
✓	COMT-24	Update For Scientist pages on LSST website	Ranpal Gill	Mario Juric	★	IN PROGRESS	Unresolved	06/Oct/17	13/Feb/18	16/Feb/18		dm-ss
✓	COMT-45	[LSST]Communications-Team #252] Training Update Emails	Ranpal Gill	Chris Montgomery	★	IN PROGRESS	Unresolved	18/Oct/17	04/Jan/18	31/Jan/18		None
✓	COMT-64	[LSST]Communications-Team #293] Employee Farewell SOP Document-26947	Emily Acosta	Libby Petrick	★	IN PROGRESS	Unresolved	26/Oct/17	31/Jan/18	19/Feb/18		None
✓	COMT-82	Renew surveymonkey account	Libby Petrick	Ranpal Gill	✓	TO DO	Unresolved	04/Nov/17	04/Nov/17	02/Jul/18		None
✓	COMT-93	Meet to discuss Webdam AI	Ben Emmons	Suzanne Jacoby	★	TO DO	Unresolved	09/Nov/17	25/Jan/18	30/Mar/18		None
✓	COMT-114	Create working in Chile pages on project website	Ranpal Gill	Emily Acosta	★	IN PROGRESS	Unresolved	20/Nov/17	17/Jan/18	17/Jan/18		None
✓	COMT-175	Write story on shipments to summit in 2018	Suzanne Jacoby	Suzanne Jacoby	★	IN PROGRESS	Unresolved	14/Dec/17	13/Feb/18	15/Feb/18		None
✓	COMT-179	Email list of builders	Ranpal Gill	Tim Jenness	⊘	IN PROGRESS	Unresolved	15/Dec/17	13/Feb/18	19/Feb/18		None

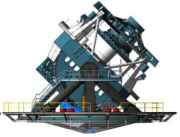




## LSST Community Science Center







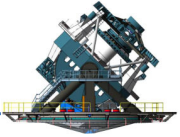
## LSST Community Science Center Development



- NOAO was asked by NSF in 2016 to lead the development of an “LSST Community Science Center” concept
- Initial concept developed by NOAO internal task force
- Community-based **LSST Community Science Center (LCSC) Working Group** recruited and convened to develop concept and priorities more completely
- Multiple telecons over several months, plus one face-to-face meeting in Tucson in August 2017
- Final WG report was delivered to NOAO in Sep/Oct 2017

Led by Adam Bolton and Dara Norman (NOAO Community Science and Data Center)

Slides provided by A. Bolton.



# NOAO's Community Science and Data Center



## Current Programs

### NOAO Data Lab

*Platform for science with large public survey datasets*

### ANTARES Project

*Scalable community “event broker” for LSST alert stream*

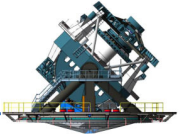
Archiving, processing, and distribution of NOAO telescope data

Telescope proposal review and time allocation

### US National Gemini Office

*Interface to the Gemini Observatory for the US community*

### Thirty Meter Telescope Liaison



## LCSC Working Group Charge

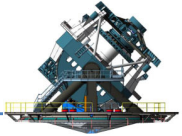
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(abridged)

### *To identify and articulate*

- 1. Goals, requirements, and aspirations for community science with LSST, and*
- 2. Priorities for support and infrastructure that an LSST Community Science Center should provide to enable this science.*

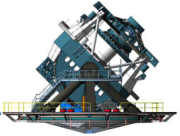


## LCSC WG membership



- M. Virginia McSwain (Lehigh University, co-chair)
- Dara Norman (NOAO, co-chair)
- Federica Bianco (New York University)
- Will Clarkson (University of Michigan, Dearborn)
- Suvi Gezari (University of Maryland)
- Melissa Graham (University of Washington)
- Henry Hsieh (Planetary Science Institute)
- Bryan Miller (Gemini Obs.)
- Travis Rector (University of Alaska)
- Steve Ridgway (NOAO)
- Abi Saha (NOAO)
- Marcelle Soares-Santos (Fermi Lab)
- Lou Strolger (STScI)
- Kathy Vivas (NOAO)

Diverse representation from US LSST science community



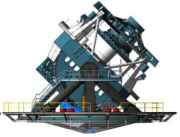
## LCSC WG High-Level Recommendations

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1. Facilitate, curate, and improve communication about LSST for the broad US astronomical user community
2. Support and train the US astronomical user community for data-intensive science in the LSST era, focusing on Data Lab, ANTARES, and the LSST Science Platform
3. Lead community and institutional efforts across the OIR system to develop new infrastructure, practices, and policies for LSST time-domain follow-up observing
4. Facilitate community-wide development of the case for a 10m-class wide-field spectroscopic telescope, and maximize public access to other LSST follow-up facilities



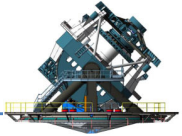


## Open Questions to discuss w/ SAC

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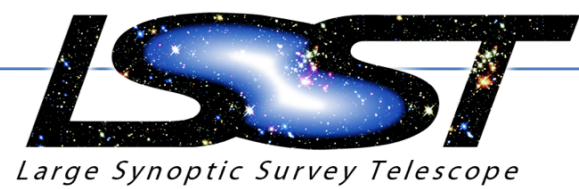
- Need to define and clarify LSST's/NOAO's/LSSTC's roles and responsibilities for communicating with the science community.
- How can NOAO's communications efforts best complement LSST's? For example – NOAO hosts the US National Gemini Office, and an associated website. Do dual website add value, or add confusion?



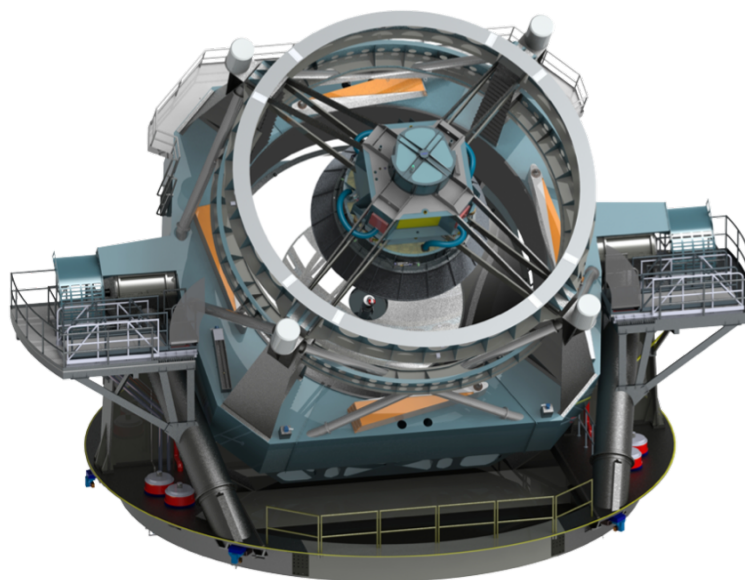
## Rename LSST

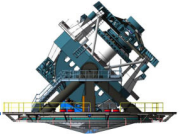


- Planning has started!
- Initiative to name ***The Survey***
- Align with ***Camera Installed*** milestone – Q4 2020
- “***Community sourced***” naming
- Prize – to be worked out
- Hopefully facilitated by ***branding consultants***
- Committee – to be stood up to include LSSTC, AURA, SLAC..



Thank you





## Discussion/feedback

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- Do you have any feedback on the initiatives described?
- Any comments on the Annual Science Community Survey?
- Is there something that we are not doing and should be?