

Spokesperson's Report

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note to speakers

upload slides (esp. for plenaries) to indico site
click on pencil at top of page to edit.
modification key: desi15

DESI News

- CD2 approved this fall -- establishes a cost and schedule baseline for the project.
 - Congrats to all for this major step!
- CD3 review (begin construction) dates set: April 20-22 Director's review; May 24-26 CD3 review.
- Proto-DESI in July 2016. Jan workshop at NOAO -- talk to Klaus or David Sprayberry.
- Heising-Simons foundation loan for 2.5M -- purchasing the 10 spectrographs!
- Current schedule: installation begins in 2018, commissioning in early 2019, survey start in late 2019.
- DESI is happening! The spectrographs will be on the telescope in ~3 years! Lots of work to do :)

DESI Imaging Surveys

- Three precursor imaging surveys are ongoing.
- DECALS: (grz-bands south of dec = +30)
 - DECam Legacy Survey is now in 2nd year. Frequent public releases, DR2 coming imminently, with 1900 sq. deg in grz (5800 sq. deg in any band).
 - DECALS+ proposal submitted, should hear in a few weeks.
- Mayall Legacy Survey (MLS): (z-band north of dec = +30)
 - New z-band filter installed on the Mayall. Rebuilt instrument began commissioning this week. This is the major pre-DESI program for the Mayall.
 - 120 nights during 2016A
 - Observers wanted! (Feb 14--June 6)
- BASS: (gr-band north of dec = 30)
 - on Bok telescope. Recent improvements to electronics. Observations to re-start in January 2016.

DESI Working groups

- Galaxy & Quasar Clustering: Shirley Ho & Nikhil Padmanabhan
- Lyman-alpha Forest: David Kirkby & Matt Pieri
- C3 (Small-scale clustering, clusters, and cross-correlations): Rachel Bean & Eduardo Rozo
- Target Selection: John Moustakas & Nathalie Palanque-Debroiullie
- Cosmological Simulations: Salman Habib & Peder Norberg
- Survey Strategy: Kyle Dawson & Jeremy Tinker
- Bright Galaxy Survey: Shawn Cole & David Weinberg
- Milky Way Survey: Carlos Allende-Prieto & Connie Rockosi
- Imaging Surveys: Arjun Dey (MLS) Xiaohui Fan (BASS) David Schlegel (DECALS)
- Image Validation Task Force: Enrique Gaztanaga
- Data Distribution Committee: Chris Miller & Ben Weaver
- Data Simulation & Pipeline: Stephen Bailey

Collaboration activities

- Planning for science readiness by end of 2018.
 - develop SRP and Simulations Requirements Doc
 - develop Science Verification Plan
 - develop methods, codes, simulations
 - scope and plan data challenge
- Prepare for Director's Review, CD3
 - Will include a science readiness review, including review of the Science Readiness Plan, Science Verification Plan, and Simulations Req. Document.
- Science with and validation of the imaging surveys (DECaLS, BASS, and MzLS)
- Tests of target selection on existing imaging data including spectroscopic studies

Science Readiness Plan

- Preliminary Science Readiness Plan completed last spring.
- Updated SRP will be reviewed in going into CD3; we will be revising in coming few months.
- This document should:
 - Lay out a road map for the major items needed to get from here until the first round of cosmology papers, including all of the necessary tasks in between
 - Provide a useful way for all collaboration members to identify and engage in tasks that are necessary to get to our key results

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DESI Committees

- Membership Committee: Chair Bob Blum
- Publication Board: Chairs: Klaus Honsheid & Ofer Lahav
- Meetings Committee: to be formed soon!
 - next full collaboration meeting at Durham, Summer 2016
- Speaker's Bureau: to be formed soon!

Publication Policy

- Draft of publication principles was put together by Ofer Lahav + DJE, RHW, sent to Institutional Board and full collaboration earlier this year for comment.
- Revised draft will now be used to guide the drafting of a publication policy.
- Publication board (chaired by Klaus Honsheid and Ofer Lahav) was approved by the IB, and is starting to draft full publication policy.

Getting Engaged with DESI

- We expect that all DESI members will be engaged and active in making things happen in the project and/or collaboration.
- All collaboration members can join any working group.
- We have asked all members to list one WG or project task that they will contribute to most (this doesn't limit contributions to other working groups but will help the main working group organize effort).
- Each DESI member (including students and postdocs) should fill out the 2015 Membership form, listing primary working group, if they have not done so already.
- Get engaged and be vocal in setting the direction of the WG(s) you are interested in! Real work is happening now. Touch base with coordinators, sign up on wiki and for mailing lists, attend telecons.
- Look at the Science Readiness Plan to identify roles that interest you.
- Please be in touch with us and/or WG leads if you have questions about how best to contribute.
- DESI Membership in a Nutshell document available on the wiki, please take a look and /or talk to us with questions about membership.

Collaboration Info

- trac wiki
 - <https://desi.lbl.gov/trac/wiki>
- doc db
 - <https://desi.lbl.gov/DocDB/cgi-bin/private/DocumentDatabase>
- working group telecons calendar
 - <https://www.google.com/calendar/embed?src=desi.redshift.survey%40gmail.com>
- svn (for code)
 - <https://desi.lbl.gov/trac/wiki/SvnRepo>
- SRP in svn
 - <https://desi.lbl.gov/svn/docs/sciencenotes/srp>
- DESI on github
 - <http://github.com/desihub>

DESI commitment to inclusivity

- DESI leadership is committed to maintaining an inclusive culture where all scientists can do their best work
- We will be working with Institutional Board to develop more concrete statements of policy to ensure this culture is maintained.
- Discussions also ongoing within other collaborations and national organizations (e.g. AAS), and we are discussing best practices with them.
- DESI has appointed two ombudspersons, Rich Kron and Nathalie Palanque-Delabrouille. They are available to discuss any conflicts you have within the collaboration, and to help mediate (but not arbitrate) disputes.
- We encourage you to talk with us (Daniel, Risa, Michael) about any concerns or suggestions about how to make this collaboration a great place for us all to work.

Goals of this workshop

- **WORK**shop! 2 hours of plenary each day, rest of time is working time.
- Primary goal is to make progress on several key DESI tasks, including focus on overall end-to-end data flow.
- How to make the upcoming data challenges effective, including for your science interests.
- ~3 years from data, ~4 years from first analysis: need concrete progress on how we will do things.
- Seven parallel task groups:
 - Large-scale structure: catalog generation, random catalogs, data model
 - QuickCat
 - Observing Sequence
 - Simulations Requirements Document
 - Imaging Surveys
 - Milky Way
 - Lyman-alpha (with subgroup in France)
- Try to leave the workshop with tangible outcomes / products.

- Exciting times... we will be taking data sooner than you think!
- Science Readiness Plan provides a roadmap to organize our work
 - See how you can contribute, and/or let us know what essential tasks are missing!
- Jump in this week!