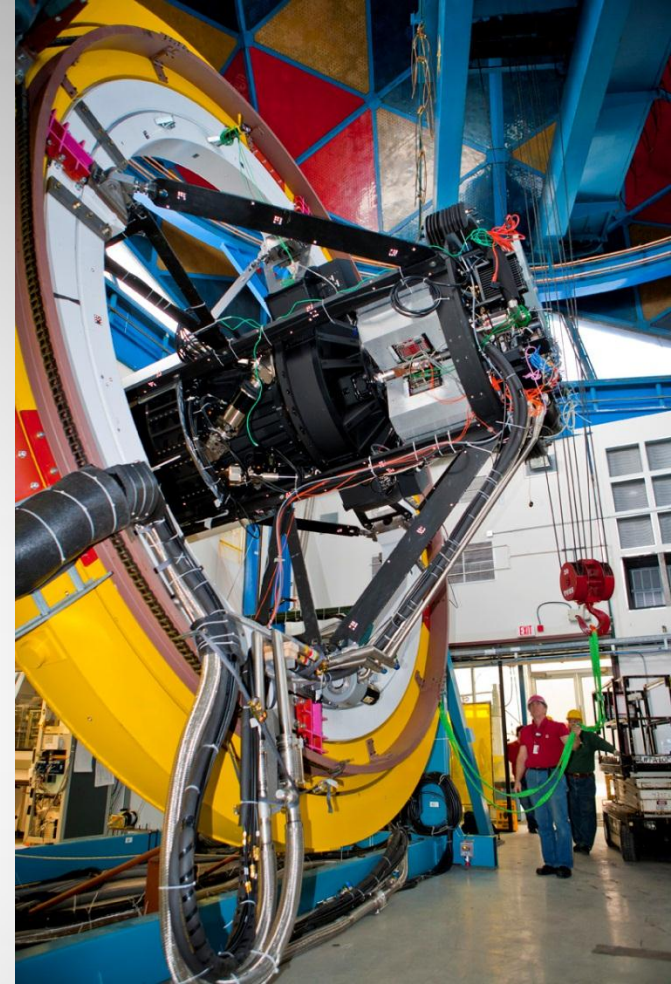


Dark Energy Camera Scheduling: NOAO Community Impacts

Caveat Lector:

Murphy's Law is Taking a Break !



<http://www.quantumdiaries.org/wp-content/uploads/2011/02/11-0035-08D1.jpg>



**Seeing the
Big Picture**
DECam Community Workshop

18-19 August 2011
Tucson, Arizona USA

Hosted by NOAO

NOAO DECam Community Workshop

Tucson [Az], August 2011

David James

CTIO – djj@ctio.noao.edu

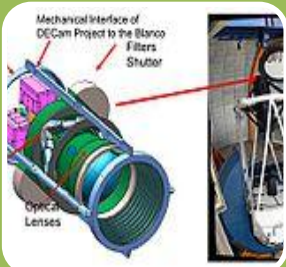


DECam: Installation and Commissioning:

- Telescope modification, DECam installation and commissioning will start late-2011B, and run through *all* of 2012A
- As of right now, Blanco 4m shutdown is scheduled for start of January 2012.
- First-Light -- June 2012
- Commissioning and SV: June → Sept 2012

Dark Energy Survey Time Requirements:

- DES has 525 nights over 5-years; primarily, out-of-bulge
- Represents ~30% of available semester time
- Sept → February is “ideal” DES observing, peak Nov/Dec/Jan (2012 -> 2016/7)
- NOAO community time can be interleaved (1 week/month)

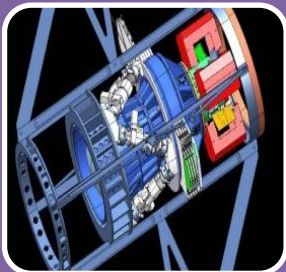


<http://captainsofcomedy.files.wordpress.com/2011/05/johnnydepp22.jpg>



NOAO Community Time: First offered: 2012B

- One week/month during DES peak time
- While not probable, sharing half-nights between DES & NOAO community may be possible (mate !).
- ****but*** no night-time instrument changes; F/8 changer
- Cassegrain instrument use *possible* during DES season
- DECam will be available for (most of) all “A” semesters.

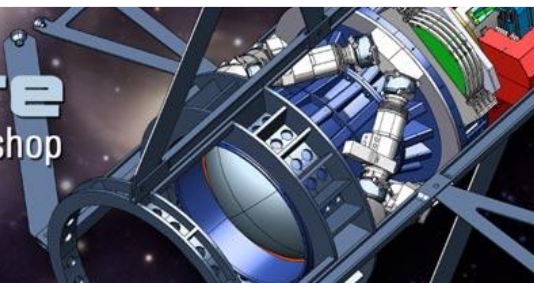


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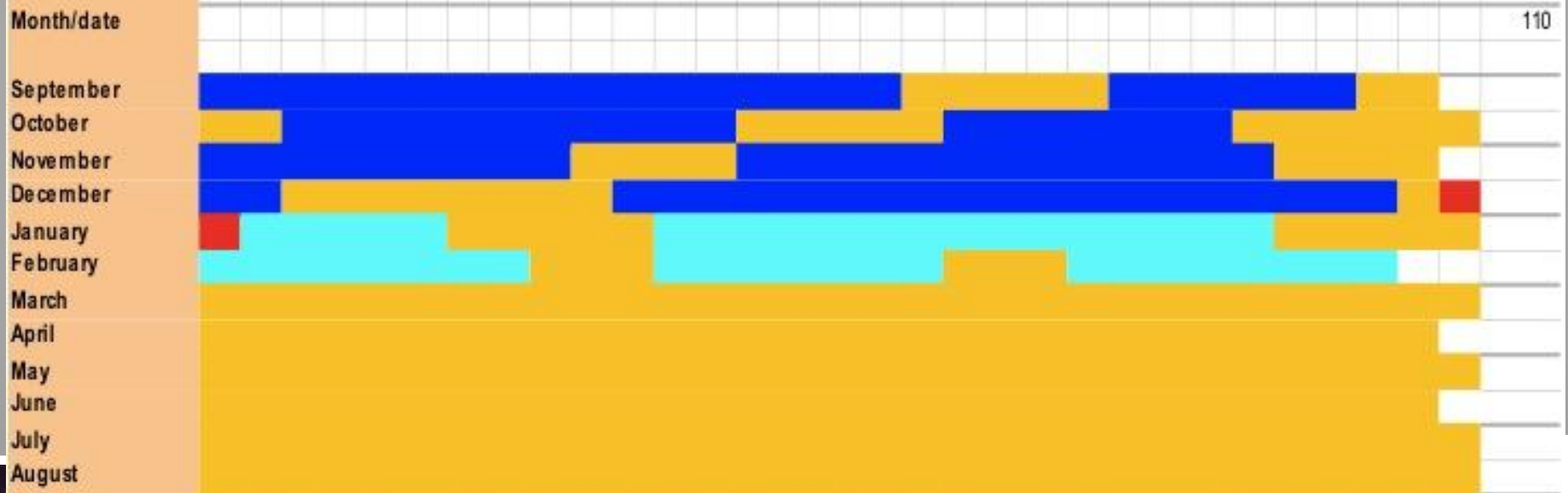
<http://www.noao.edu/meetings/decam/>



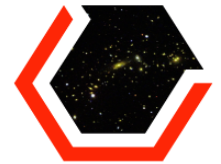
Month/date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
September	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	N	N	N	N	N	N	N	D	D	D	D	D	N	N				22	
October	N	N	D	D	D	D	D	D	D	D	D	D	N	N	N	N	N	D	D	D	D	D	D	D	N	N	D	D	D	D			22	
November	D	D	D	D	D	D	D	D	D	N	N	N	N	D	D	D	D	D	D	D	D	D	D	D	D	N	N	N	N				22	
December	D	D	N	N	N	N	N	N	N	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D			22
January	D/N	D/N	D/N	D/N	D/N	D/N	N	N	N	N	N	D/N	D/N	D/N	D/N	D/N	D/N	D/N	D/N	D/N	D/N	D/N	D/N	D/N	D/N	N	N	N	N	D/N			10.5	
February	D/N	D/N	D/N	D/N	D/N	D/N	D/N	D/N	N	N	N	D/N	D/N	D/N	D/N	D/N	D/N	D/N	N	N	N	D/N	D/N	D/N	D/N	D/N	D/N	D/N	D/N	D/N			11.5	

darkest, 0-3
 dark, 4-7
 grey, 8-11
 bright 12-15
 closed

N = NOAO + CHILE
 D = DES



DES
 DES/NOAO split nights
 NOAO



DARK ENERGY
SURVEY

Targets of Opportunity:

Transient, triggered events
eg., GRB optical follow-up

DES & NOAO Collaboration:

Extending Synoptic Survey,
SNe continuation for DES candidates ?

Flexible DECam/DES Scheduling (TBD):

Half-night sharing (early/late bulge season) ?
Avoiding full Moon, bright planet nights in “connector”
region and/or SDSS strip 82.
Coordination with other telescopes/space-based observatories.

DECam Scheduling

Dr David James

(djj@ctio.noao.edu)



<http://www.noao.edu/meetings/decam/>

