



DARK ENERGY
SURVEY

Using Small Telescopes for the DES: The Next Steps

(Notes from Discussion)

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To Do: PreCam

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- Details:
 - Who and how --- going well.
 - Kyler (OSU), Kuhlmann (Argonne)...
 - Continuing momentum
- Discuss with DESDM
 - Separate group (Brazil? US group? - South Bay & Texas A&M)?
 - NCSA/UIUC fully committed and has no effort to expend on PreCam
- Simple paragraph from someone in authority from DES to NASA (not legally binding) (Expression of interest).
- What makes DES participation in Curtis-Schmidt attractive to NASA?
 - Contribute something to capital costs (~\$50K?)
 - Folding flat? Flat field screen? (FF screen -- good test for Blanco FF screen)
- Funding? DES's problem.
- ...



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To Do: Extinction Monitor

- Understand what we have to do.
 - Camera on another small telescope or imaging spectrograph on 1.5m?
 - Time and spectral resolution of measurements.
 - Cadence of measurements -- can other SMARTS programs fit in during the nights of DES program?
- Explore -- other domes on Tololo.
- How far does the extinction monitor need to be from Blanco?
 - Pachon?
- ...