18th October Simulations Meeting

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Attending: ajc, debbie, simon, lynne, dave m, steve r, john

Actions:

- ajc will talk to Iain about moving confluence off the 8443 port
- Steve r will discuss with the camera team the alignment of simulations with their work (2 week timescale)
- Simon will update catalog development plan
- John will update phosim plan (DM roadmap is at ls.st/ldm-240)

FDR reschedule: 2nd Dec or following week are most likely (but could stretch later than that).

Will impact DESC if 2nd Dec

- Debbie - lot of discussion planned at DESC on simulations (cosmo, phosim etc). Starting on 4th of Dec
- Simon can attend for catalogs, EnHsin for phosim, Debbie planning to go
- Should have confirmation end of next week

Possible date for face-to-face for sims: week of 13th Jan (assuming no government shutdown)

Steve R

- There are a number of test benches for the sensors (f/1 system at Davis, brookhaven test bed). We could create an image from the catalogs and reimage it with real sensors

Topics for cross simulation discussion

- Introduction to Jira and confluence
- Definitions of source attributes (size and ellipticities etc)
- Cross validation between the different simulation components (opsim, catsim, phosim)
    - standard trim files that can push through catalogs and phosim
- Coherent structure for documentation and worked examples
- What is in the sky brightness model
- DCR and fiducial examples for modelling and testing
    - See https://confluence.slac.stanford.edu/download/attachments/132221823/DESC+WL+meeting.pdf