# 22nd April 2015

Attending: Scott Daniel, Chris, Kem, Rahul, Michael, Peter, Cathy, Lynne, ajc, Bryce, Darko,

Quick items before Lynne's presentation:

- DDS rate issues - the current limitation is due to the SAL (goal is to expose improved functionality of DDS by 4th quarter this year). This is a concern as we are basing our design on a given performance. Need to know DDS can perform with a 1-5ms latency or better. Should we strip away SAL?
- Stash - Michael will move repos to github and leave problematic PRs till later. All PR must be merged by Friday.

Lynne's notebook demo

- Note - you need to start the notebook in a terminal with MAF etc set up
- Comments
    - Should we start with a notebook on access to opsim DB? Lynne might mean people won't use MAF and just resort to opsim queries
    - We need to have the opsim DBs available for the workshop (Tier 1)
    - Should add a demo of how to extract the data that is plotted (e.g. the airmass as a function of healpix pixel)
    - Can we zoom in on healpix regions. Yes - should put that example in a notebook
    - Include an example of how to slice in time, create a movie?
    - How do I find the simple metrics - metric has function metrics.list() that will provide a list (there are about 30 of them) or metrics.list (docs=True)
    - Stackers arent in current example
- For the workshop the notebooks are design documents that we want to keep (almost like pseudo code)
    - What notebooks will we need:
        - how to split data into years
        - how to interact with the metric data (not just plot or summarize)
        - healpix functionality and changing the plots
        - using contributed metrics
        - writing your own metric
        - how to use stackers
        - notebook for each of the science plots
            - show depth and then per year then as a function of time
            - number of colors as a fn of year
            - metric values in a separate notebook: notebook on these projections etc