WFIRST Preparatory Science

The following meetings and reports are planned.
- Monthly telecons within sub-groups below, organized by indicate project lead
- Quarterly 1-page reports sent to Benford and Gehrels due on July 1 and October
- Final report sent to Benford and Gehrels on February 1, 2016
- Telecon with full group in September
- Meeting at Goddard in February 2016

Subgroups of WPS proposals and Project leads

WFI Imaging - Jason Rhodes and Neil Gehrels
Robert Lupton, Princeton, WFIRST-LSST, WL galaxy blending, map space
Michael Schneider, LLNL, WFIRST-LSST, WL galaxy blending, significance space
Douglas Clowe, Ohio U., cluster weak lensing, features of WFIRST
Peter Capak / Rhodes / Stern, Caltech, weak lensing, redshift calibration
Michael Shao, JPL, astrometry, sub-pixel calibration

WFI & IFU Spectroscopy - Jeff Kruk
Chuck Bennett, JHU, best usage of WFIRST to constrain dark energy parameters,
Bob Kirshner, Harvard, HST RAISINS supernova implications for WFIRST
Saul Perlmutter, Berkeley, refine SN Ia program for WFIRST
Ryan Foley, U Illinois, SN Ia, color corrections,
James Rhoads, Arizona State U., HLS spectroscopy understanding from HST and ground
Beth Reid, Berkeley, HLS spectroscopic survey, open-source computational toolbox

Exoplanets - Wes Traub
Margaret Turnbull, Global Sciences Institute, coronagraph filter spectroscopy
Dmitry Savransky, Cornell, coronagraph performance modeling
Geoffrey Bryden, JPL, coronagraph RV planets
Nikole Lewis, JPL, coronagraph spectroscopy and polarimetry
David Bennett, Notre Dame, microlensing (mass parallax, distance)
Christine Chen, STScI, exoplanets imbedded in disks